DATA SUMMARY OF ONGOING BASELINE OFF-SITE AIR MONITORING
VOLATILE ORGANIC COMPOUNDS BY TEST METHOD TO-15

WEST LAKE LANDFILL SITE
BRIDGETON, MISSOURI
CERCLIS ID: MOD079900932

Superfund Technical Assessment and Response Team (START) 4
Contract No. EP-S7-13-06, Task Order No. 0058

Prepared For:

U.S. Environmental Protection Agency
Region 7
Superfund Division
11201 Renner Blvd.
Lenexa, Kansas 66219

May 26, 2015

Prepared By:

Tetra Tech, Inc.
415 Oak Street
Kansas City, Missouri 64106
(816) 412-1741

30247963

CONTENTS

APPENDICES

EXECUTIVE SUMMARY

The Tetra Tech, Inc. (Tetra Tech) Superfund Technical Assessment and Response Team (START) is assisting the U.S. Environmental Protection Agency (EPA) with baseline monitoring at off-site locations around the West Lake Landfill site (WLLS) in Bridgeton, Missouri, during a pre-construction, baseline period prior to initiation of construction of a planned isolation barrier at WLLS. This air monitoring will provide data for use to (1) evaluate pre-construction concentrations of chemical and radiological parameters of potential concern in outdoor air, and (2) optimize the sampling and monitoring plan for off-site air monitoring to occur during construction of the isolation barrier. This report summarizes all data obtained from weekly volatile organic compound (VOC) sampling by EPA Test Method TO-15 that started May 8, 2014 and ended on December 17, 2014[1].

The baseline period air monitoring for VOCs occurred at the following off-site monitoring stations according to the EPA-approved quality assurance project plan (QAPP):

Station 1 – Robertson Fire Protection District Station 2, 3820 Taussig Rd., Bridgeton, Missouri

Station 2 – Pattonville Fire Department District, 13900 St Charles Rock Rd., Bridgeton, Missouri

Station 3 – Pattonville Fire Department District Station 2, 3365 McKelvey Rd., Bridgeton, Missouri

Station 4 – Spanish Village Park, 12827 Spanish Village Dr., Bridgeton, Missouri

Station 5 – St. Charles Fire Department Station #2, 1550 S. Main St., St. Charles, Missouri.

The Station 1 through 4 locations were selected primarily for their proximate positions around WLLS (these stations are approximately 0.3 to 1 mile from WLLS, in various directions from WLLS). Station 5, designated as a reference (or background) station, is farther away from WLLS than the other stations, but still within the general vicinity so as to be representative of the North St. Louis County and eastern St. Charles County area.

Comparisons of VOC concentrations among the air monitoring stations as well as VOC concentrations detected at EPA National Air Toxics Trends Stations (NATTS) was performed via multiple statistical tests and examination of boxplots. VOC sampling results from the air monitoring stations off site of the WLLS indicated that the VOCs analyzed were variously:

[1] This report provides a summary and evaluation of all EPA Method TO-15 VOC sampling occurring during the baseline sampling period (samples were collected weekly from May 8, 2014 until December 17, 2014). This report supersedes the previous interim report for VOCs dated January 19, 2015 that evaluated data collected from the start of sampling through November 6, 2014.

1. Not detected or detected less than 2% of the time (thus their median concentrations are much less than the laboratory's detection capability);

2. Detected, but showed no statistical difference from the St. Louis NATTS concentrations (based on Kruskal-Wallis statistical test and confirmed by examination of boxplots);

3. Detected at concentrations that statistically tended to be higher than those detected at the St. Louis NATTS (based on Kruskal-Wallis testing and boxplot examination), but were comparable to concentrations detected at other urban area NATTS (based on examination of boxplots).

Overall, the VOC measurements obtained from the off-site monitoring stations appear typical for outdoor urban environments.

1.0 INTRODUCTION

The Tetra Tech, Inc. (Tetra Tech) Superfund Technical Assessment and Response Team (START) has been tasked by the U.S. Environmental Protection Agency (EPA) to assist with baseline monitoring at off-site locations around the West Lake Landfill site (WLLS) in Bridgeton, Missouri. This report summarizes all data obtained from weekly volatile organic compound (VOC) sampling by EPA Test Method TO-15 that started May 8, 2014 and ended on December 17, 2014[2].

START's tasks have included: (1) assembling and maintaining a network of off-site air monitoring stations with instrumentation and sampling devices to measure parameters of concern, (2) collecting samples and coordinating laboratory analysis, (3) assisting EPA with data acquisition and management, (4) documenting the off-site air monitoring efforts, and (5) validating/verifying initial screening of the data. The objectives of this report are to present a summary of the VOC data acquired, including findings related to data validation, verification, and usability.

2.0 PROBLEM DEFINITION, BACKGROUND, AND SITE DESCRIPTION

EPA is conducting ongoing air monitoring at locations off site of WLLS during a pre-construction, baseline period prior to initiation of construction of a planned isolation barrier at WLLS. Air monitoring during the baseline period will provide data for use to (1) evaluate pre-construction concentrations of chemical and radiological parameters of potential concern in outdoor air, and (2) optimize the sampling and monitoring plan for the off-site air monitoring to occur during construction of the isolation barrier. During barrier construction, air monitoring will occur to address concerns that construction operations at WLLS could impact human health and the environment via release to ambient air of solid waste landfill gases of concern or of particulates with radiologically-impacted materials (RIM).

West Lake Landfill is an approximately 200-acre property including several closed solid waste landfill units that accepted wastes for landfilling from the 1940s or 1950s through 2004, plus a solid waste transfer station, a concrete plant, and an asphalt batch plant. WLLS is at 13570 St. Charles Rock Road in Bridgeton, St. Louis County, Missouri, approximately 1 mile north of the intersection of Interstate 70 and Interstate 270 (see Appendix A, Figure 1). WLLS was used for limestone quarrying and crushing operations from 1939 through 1988. Beginning in the late 1940s or early 1950s, portions of the quarried

[2] This report provides a summary and evaluation of all EPA Method TO-15 VOC sampling occurring during the baseline sampling period (samples were collected weekly from May 8, 2014 until December 17, 2014). This report supersedes the previous interim report for VOCs dated January 19, 2015 that evaluated data collected from the start of sampling through November 6, 2014.

areas and adjacent areas were used for landfilling municipal refuse, industrial solid wastes, and construction/demolition debris. In 1973, approximately 8,700 tons of leached barium sulfate residues (a remnant from the Manhattan Engineer District/Atomic Energy Commission project) were reportedly mixed with approximately 39,000 tons of soil from the 9200 Latty Avenue site in Hazelwood, Missouri, transported to the WLLS, and used as daily or intermediate cover material. In December 2004, the Bridgeton Sanitary Landfill—the last landfill unit to receive solid waste—stopped receiving waste pursuant to an agreement with the City of St. Louis to reduce potential for birds to interfere with Lambert Field International Airport operations. In December 2010, Bridgeton Landfill detected changes—elevated temperatures and elevated carbon monoxide levels—in its landfill gas extraction system operating at the South Quarry of the Bridgeton Sanitary Landfill portion of the Site (a landfill portion not associated with known RIM). Further investigation indicated that the South Quarry Pit landfill was undergoing an exothermic subsurface smoldering event (SSE). In 2013, potentially responsible parties committed to constructing an isolation barrier that would separate the Bridgeton Landfill undergoing the SSE from the RIM-containing portions of WLLS (EPA 2014).

3.0 SAMPLING STRATEGY AND METHODOLOGY

EPA and START began setup of the five off-site monitoring stations in April 2014; these activities included installations of electrical service, instrument weather housings, monitoring and sampling devices, and a wireless remote monitoring network. Baseline period off-site air monitoring and sampling occurred from May through December 2014 at the following monitoring stations according the approved quality assurance project plan (QAPP) (Tetra Tech 2014a) (see Appendix A, Figure 1):

Station 1 – Robertson Fire Protection District Station 2, 3820 Taussig Rd., Bridgeton, Missouri

Station 2 – Pattonville Fire Department District, 13900 St Charles Rock Rd., Bridgeton, Missouri

Station 3 – Pattonville Fire Department District Station 2, 3365 McKelvey Rd., Bridgeton, Missouri

Station 4 – Spanish Village Park, 12827 Spanish Village Dr., Bridgeton, Missouri

Station 5 – St. Charles Fire Department Station #2, 1550 S. Main St., St. Charles, Missouri.

The Station 1 through 4 locations were selected primarily for their positions proximate to and around WLLS (these stations are approximately 0.3 to 1 mile from WLLS, in various directions from WLLS). Station 5 was designated as a reference (or background) station, and its location was selected according to the criterion that it be frequently upwind of WLLS and farther away from WLLS than the other stations, but still within the general vicinity so as to be representative of the North St. Louis County and eastern St. Charles County area (see wind rose in Appendix A, Figure 1).

VOCs were identified as a parameter of potential concern in the QAPP (Tetra Tech 2014a) based on historical information regarding the site and program experience with similar types of sites. Sampling for VOCs via Summa® canisters by EPA Method TO-15 occurred weekly at the air monitoring stations from May 8 to December 17, 2014 and was consistent with EPA methods and standard operating procedures (SOP) specified in the approved QAPP (Tetra Tech 2014a). The Summa® canister is fitted with a passive flow regulator to enable collection of an air sample for a continuous 24-hour period. The sampled Summa canisters are submitted to TestAmerica of Earth City, Missouri for VOC analysis. All Summa® sampling accords with EPA Environmental Response Team SOP 4231.1704 – Summa® Canister Sampling, and with EPA Region 7 SOP 2313.04 – Air Sampling with Stainless Steel Canisters. In accordance with the EPA-approved QAPP, a weekly field duplicate sample was collected at one of the off-site air monitoring stations, and one un-sampled Summa canister was maintained in the field during the sampling activities and submitted as a trip blank.

4.0 SUMMARY AND EVALUATION OF VOC DATA

The following sections present data summaries of the VOCs assessed during the ongoing baseline monitoring period, including time series and box plots of the data, and results of statistical analyses.

4.1 DATA VALIDATION, VERIFICATION, AND USABILITY

As laboratory analytical reports are received for the VOC analysis, START reviews and qualifies the data according to the EPA *Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review* guidance document (EPA 2008). This is standard practice for EPA data. EPA conducted a review of the data validation reports to ensure that the data were correctly qualified for use in decisions making. A data validation report is appended to each analytical laboratory report and included in the data deliverable packages (see Tetra Tech 2014b, c, d, e, 2015a, b, c). Qualifications to the data from START's review are indicated by qualifier flags that accompany the data presented herein. Overall, review of the laboratory analytical data packages indicated that quality of the VOC data was acceptable and usable as qualified for the intended purposes of the data.

4.2 VOC RESULTS AND EVALUATION

The following describes results of the May 8 through December 17, 2014 weekly VOC sampling.

4.2.1 Summary of VOC Results

Tabulated weekly results for each VOC are in Appendix B (see Tables B-1 through B-39); time-series plots of VOC results are in Appendix C (see Exhibits C-1 through C-39). Notably, some VOCs were not detected, or detected very infrequently (several VOCs were detected only around 1 to 2 percent of the time). Detection frequencies are reported in Table D-1, Appendix D. VOCs not detected or detected less than 2 percent of the time (thus their median concentrations are much less than the laboratory's detection capability) are listed in Table D-1, Appendix A, but were not subject to further statistical evaluation.

4.2.2 Comparison of Results Among Off-Site Monitoring Stations

Differences in VOC concentrations among the air monitoring stations are evaluated and described in this section so that data users can be aware of them when using the pre-construction baseline data. Comparisons of VOC concentrations among the air monitoring stations proceeded via multiple comparisons statistical testing and examination of boxplots. The following describes these evaluations.

Kruskal-Wallis Statistical Test

The Kruskal-Wallis statistical test was used to test for differences in VOC concentrations among the five monitoring stations. The Kruskal-Wallis test compares multiple treatments (such as the multiple monitoring locations), and was selected in particular because it is a non-parametric statistical (rank- or percentiles-based) test that can accommodate non-detect (or "less than") results found in the VOC data. Before performance of the test, the data were prepared for the Kruskal-Wallis test as recommended in *Statistics for Censored Environmental Data Using Minitab® and R* (Helsel 2012). That is, the data were censored at the highest reporting limit in the dataset by assigning all values below the highest reporting limit (including all non-detects and any reported value less than the highest reporting limit) a low and arbitrary value; the value "-1" was used. The statistical software package R was used to conduct the Kurskal-Wallis tests. The analysis suggested statistically significant differences in concentrations of these VOCs among the five monitoring stations:

- **Trichloroethene:** Station 2 tended to have higher measurements than Stations 1, 3, and 4.
- **Styrene:** Station 1 tended to have higher measurements than all other stations.

A summary of the Kruskal-Wallis test results is in Appendix D, Table D-1.

Boxplots

Boxplots of the VOC results (for those VOCs detected in more than 2 percent of the samples) were constructed and evaluated to verify results of the Kruskal-Wallis statistical testing (and to compare the VOC results to other datasets [see Section 4.2.3]). Boxplots render visual comparisons of data by displaying relative positions of the 25th, 50th, and 75th percentiles, and also individual outlier data points. The "NADA" (Nondetects and Data Analysis for environmental data) for the statistical software package R was used to create "censored" boxplots of the VOC data. In constructing the censored boxplots, the NADA software accounts for non-detect values and displays a horizontal line across the boxplots representing the maximum "less than" value in the data. Boxplot elements above the line are statistically accurate, but boxplot elements below the line represent only estimated percentiles (based on the distribution of the uncensored data). Boxplots are in Appendix E.

4.2.3 Comparison of Results to National Air Toxics Trends Stations Data

VOC data from the WLLS air monitoring stations were additionally compared to VOC data from the EPA National Air Toxics Trends Stations (NATTS) network of air monitoring stations.[3] VOC data from the St. Louis NATTS monitoring station near downtown St. Louis, Missouri[4] (see Appendix A, Figure 2) was retrieved from EPA's Air Quality System (AQS) Data Mart.[5] The St. Louis NATTS data are by design representative of background urban air quality in the St. Louis metropolitan area, and, therefore, are appropriate for comparison with the VOC data collected at off-site locations surround WLLS. The NATTS network reports 37 of the 38 VOC analytes reported in the WLLS air monitoring (the analyte not reported by NATTS—1,2-dichloroethane—has been detected only twice at the WLLS air monitoring stations).

The Kruskal-Wallis test (with examinations of boxplots) was used to test for differences in VOC concentrations between the 2014 St. Louis NATTS data and WLLS air monitoring station data (as applied to the WLLS air monitoring station data in Section 4.2.1). The statistical testing suggested that these

[3] Starting in 2003, EPA has been working with state and local partners to develop the NATTS program to monitor air toxics. The principal objective of the NATTS network is to provide long-term monitoring data across representative areas of the country for priority pollutants in ambient air and to establish overall trends. Currently, data are collected at 27 NATTS sites consisting of 20 urban and 7 rural sites. More information about the NATTS program and a listing of these sites can be found at http://www.epa.gov/ttnamti1/natts.html.

[4] The St. Louis NATTS is operated and maintained by the MDNR under a grant from EPA. The sampling and analytical methodologies used at the NATTS are comparable to those used for the WLLS air monitoring sampling.

[5] EPA's Air Quality System (AQS) Data Mart is available online at http://www.epa.gov/airdata/

VOCs tended to be detected at higher concentrations at the WLLS air monitoring stations than had been detected at the St. Louis NATTS in 2014:

- **Methylene chloride:** Stations 1, 2, 4, and 5 tended to have higher measurements than the St. Louis NATTS.
- **Trichloroethene:** Stations 2 and 5 tended to have higher measurements than the St. Louis NATTS.
- **Styrene:** A difference was detected among the stations (among Stations 1-5 and the St. Louis NATTS station); however, the test was inconclusive regarding station-to-station differences. The boxplots suggest that Station 1 tended to have higher measurements than the St. Louis NATTS.

A summary of the Kruskal-Wallis test results is in Appendix D, Table D-1. The 2014 St. Louis NATTS data are presented in the boxplots in Appendix E.

The WLLS air monitoring data for the above VOCs was further compared to boxplots of NATTS monitoring stations at other locations across the United States (see Appendix F). This comparison identified similar concentration distributions of these VOCs (methyl chloride, trichloroethene, and styrene) at other NATTS, indicating that concentrations of these VOCs detected at the WLLS air monitoring stations were not unusual for outdoor urban VOC measurements.

5.0 ANALYSIS OF RESULTS

As discussed above, statistical testing for differences in VOC concentrations between the 2014 St. Louis NATTS and WLLS air monitoring station data suggest three VOCs tended to be detected at higher concentrations at the WLLS air monitoring stations than at the St. Louis NATTS: methylene chloride, trichloroethene (TCE), and styrene. These three VOCs were also identified in a previous interim evaluation of the VOC data as tending to be detected at higher concentrations at the WLLS air monitoring stations than at the St. Louis NATTS[6].

TCE is a common industrial solvent that frequently appears in groundwater contaminant plumes at cleanup sites from historic use and improper disposal. The chemical properties of TCE are such that if TCE were found in the buried waste at WLLS, it is likely to be found in the groundwater and released to

[6] The previous interim report for VOCs dated January 19, 2015 evaluated data collected from the start of sampling through November 6, 2014. This report had identified five VOCs that tended to be detected at higher concentrations at the WLLS air monitoring stations than at the St. Louis NATTS: chloroethane, chloromethane, methylene chloride, TCE, and styrene. With additional data available for the statistical evaluation presented herein, significant differences in chloroethane and chloromethane concentrations among the WLLS air monitoring stations and the St. Louis NATTS were not identified.

the air. However, EPA reviewed groundwater data from WLLS and found that it did not contain TCE. Further, if TCE were found in the buried waste at WLLS, it likely would be detected in the leachate which results from moisture percolating through the buried waste material. However, TCE was also not detected in leachate samples collected from WLLS prior to treatment. Thus, TCE does not appear to be present in the buried waste at WLLS, and, by inference, the detections in ambient air are not believed to be the result of releases of this VOC from WLLS. EPA's research into the air emissions reporting of various industrial facilities in the areas indicate that there are other possible sources of TCE.

Methylene chloride, which was detected in the ambient air samples from WLLS at a statistically greater concentration than at the St. Louis NATTS, is a common laboratory contaminant. At the concentrations detected, methylene chloride is not believed to be a site-related contaminant.

Styrene was also detected at concentrations that may be statistically greater than the 2014 St. Louis NATTS data. Styrene is the precursor to polystyrene and a number of other copolymers. These materials are used in rubber, plastic, insulation, fiberglass, pipes, automobile and boat parts, food containers, and carpet backing. There are a number of possible sources for this constituent, including the landfill. It is present in the air monitoring data at relatively low concentrations and is not currently considered to be a carcinogen.

6.0 SUMMARY OF OBSERVATIONS

Weekly volatile organic compound (VOC) sampling by EPA Test Method TO-15 occurred from May 8 through December 17, 2014 as part of the baseline off-site air monitoring at five air monitoring stations off site of WLLS. EPA and START have conducted evaluations of the acquired data. Differences in VOC concentrations among the air monitoring stations off site of the WLLS and NATTS were evaluated. Comparisons of VOC concentrations among the air monitoring stations proceeded via multiple comparisons statistical testing and examination of boxplots. The following describes the findings.

Regarding the VOC sampling results from the air monitoring stations off-site of the WLLS, the VOCs analyzed were variously:

1. Not detected or detected less than 2% of the time (thus their median concentrations are much less than the laboratory's detection capability);

2. Detected, but showed no statistical difference from the St. Louis NATTS concentrations (based on Kruskal-Wallis statistical test and confirmed by examination of boxplots);

3. Detected at concentrations that statistically tended to be higher than those detected at the St. Louis NATTS (based on Kruskal-Wallis testing and boxplot examination), but were

comparable to concentrations detected at other urban area NATTS (based on examination of boxplots).

Overall, the VOC measurements obtained from the off-site monitoring stations appear typical for outdoor urban measurements.

7.0 REFERENCES

Helsel, Dennis R. (Helsel). 2012. *Statistics for Censored Environmental Data Using Minitab® and R*, Second Edition. John Wiley & Sons, Inc.

Tetra Tech, Inc. (Tetra Tech). 2014a. Quality Assurance Project Plan for Baseline Off-Site Air Monitoring and Sampling, West Lake Landfill Site, Bridgeton, Missouri. May 27.

Tetra Tech. 2014b. Data Deliverable Package 01, West Lake Landfill Site, Bridgeton, Missouri. September 8, 2014.

Tetra Tech. 2014b. Data Deliverable Package 02, West Lake Landfill Site, Bridgeton, Missouri. September 8, 2014.

Tetra Tech. 2014c. Data Deliverable Package 03, West Lake Landfill Site, Bridgeton, Missouri. October 7, 2014.

Tetra Tech. 2014d. Data Deliverable Package 05, West Lake Landfill Site, Bridgeton, Missouri. November 10, 2014.

Tetra Tech. 2014e. Data Deliverable Package 06, West Lake Landfill Site, Bridgeton, Missouri. December 16, 2014.

Tetra Tech. 2015a. Data Deliverable Package 07, West Lake Landfill Site, Bridgeton, Missouri. January 28, 2015.

Tetra Tech. 2015b. Data Deliverable Package 08, West Lake Landfill Site, Bridgeton, Missouri. March 10, 2015.

Tetra Tech. 2015c. Data Deliverable Package 09, West Lake Landfill Site, Bridgeton, Missouri. March 20, 2015.

U.S. Environmental Protection Agency (EPA). 2008. *Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review.* EPA 540-R-08-01. June.

EPA. 2014. Administrative Settlement Agreement and Order on A Consent for Removal Action - Preconstruction Work. EPA Docket No. CERCLA-07-2014-0002. April 20.

APPENDIX A

FIGURES

Station 1 - Robertson Fire Protection District Station 2
(0.27 miles from West Lake Landfill)

Station 2 - Pattonville Fire Protection District Headquarters
(0.60 miles from West Lake Landfill)

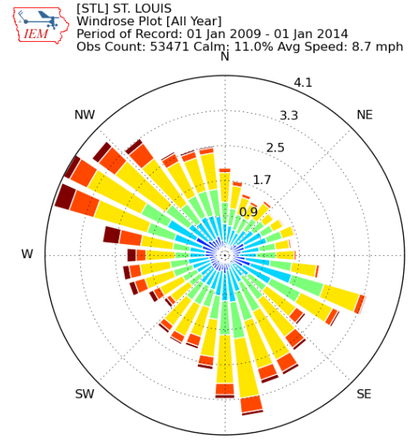
Station 5 - St. Charles Fire Department Station 2
(2.34 miles from West Lake Landfill)

Station 4 - Spanish Village Park
(0.42 miles from West Lake Landfill)

Station 3 - Pattonville Fire Department Station 2
(1.05 miles from West Lake Landfill)

Legend

- Off-site air monitoring station
- West Lake Landfill Site Operable Unit 1 (radiological area)
- Bridgeton Landfill



N

0 1,000 2,000

Feet

Source: ArcGIS Online Aerial Imagery, 2013; Iowa State University of Science and Technology, 2015

West Lake Landfill
Bridgeton, Missouri

Figure 1

Off-Site Air Monitoring Stations

TETRA TECH

Date: 1/19/2015 Drawn By: Bill Spiking Project No: X9025.14.0058.000

X:\G\9025\0058.000\Projects\mxd\011915\Figure1_Reports.mxd

Station 2 - Pattonville Fire Protection District Headquarters

Station 1 - Robertson Fire Protection District Station 2

Station 4 - Spanish Village Park

Station 3 - Pattonville Fire Department Station 2

Station 5 - St. Charles Fire Department Station 2

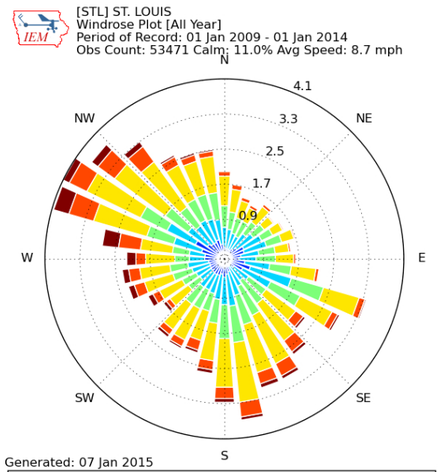
NATTS Monitoring Station (AIRS ID 29-510-0085)
3247 Blair Street, St. Louis, Missouri

Each of the 5 stations consists of the following:	
Equipment	**Used For**
Saphymo GammaTRACER	Measurement of gamma activity
AreaRAE/GammaRAE	Screening for gamma activity, volatile organic compounds (VOCs), hydrogen sulfide (H_2S), sulfur dioxide (SO_2), and carbon monoxide (CO)
Electret Radon Detectors with Pocket Ion Chambers	Measurement of radon
Optically Stimulated Luminescent (OSL) Dosimetry Badges	Measurement of environmental dose (gamma and beta)
Particulate Air Sampler	Sampling for alpha-, beta-, and gamma-emitting radionuclides on airborne particulates
Summa Canister	Sampling for volatile organic compounds (VOCs)

Legend

- Lambert St. Louis International Airport Metar Station
- NATTS monitoring station
- Off-site air monitoring station
- Bridgeton Landfill
- West Lake Landfill Site Operable Unit 1 (radiological area)

NATTS National Air Toxics Trends Station



N

0 3,500 7,000

Feet

Source: ArcGIS Online Aerial Imagery, 2013; Iowa State University of Science and Technology, 2015

West Lake Landfill
Bridgeton, Missouri

Figure 2

Location of St. Louis NATTS Air Monitoring Station

TETRA TECH

Date: 1/19/2015 Drawn By: Gustavo Orozco Project No: X9025.14.0058.000

X:\GIS\9025\0058\000\Projects\mxd\011915\Figure2_Reports.mxd

APPENDIX B

TABULATED VOC RESULTS

Table B-1
1,1-Dichloroethane

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)/ND (0.11)	ND (0.11)
5/15/2014	ND (0.11)/ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
5/23/2014	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)/ND (0.11)	ND (0.11)
5/30/2014	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)/ND (0.11)	ND (0.11)
6/6/2014	ND (0.11)	ND (0.11)/ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
6/13/2014	ND (0.11)/ND (0.11)	ND (0.11)	ND (0.11)	0.400 J	ND (0.11)
6/18/2014[1]	ND (0.11)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
6/26/2014	ND (0.11)/ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
7/3/2014	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)/ND (0.11)	ND (0.11)
7/10/2014	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
7/17/2014	NS[2]	ND (0.11)	ND (0.11)	ND (0.11)/ND (0.11)	ND (0.11)
7/24/2014	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)/ND (0.11)	ND (0.11)
7/31/2014	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)/ND (0.11)	ND (0.11)
8/6/2014	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)/ND (0.11)	ND (0.11)
8/14/2014	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)/ND (0.11)	ND (0.11)
8/21/2014	ND (0.11)/ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
8/28/2014	ND (0.11)	ND (0.11)/ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
9/4/2014	ND (0.11)/ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
9/12/2014	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)/ND (0.11)	ND (0.11)
9/17/2014	ND (0.11)	ND (0.11)/ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
9/24/2014	ND (0.11)	ND (0.11)/ND (0.11)	ND (0.11)	ND (0.11)	NS[2]
9/30/2014	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)/ND (0.11)	NS[2]
10/9/2014	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)/ND (0.11)	ND (0.11)
10/16/2014	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)/ND (0.11)	ND (0.11)
10/23/2014	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)/ND (0.11)	ND (0.11)
10/30/2014	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)/ND (0.11)	ND (0.11)
11/6/2014	ND (0.11)/ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
11/13/2014	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)/ND (0.11)	ND (0.11)
11/20/2014	ND (0.11)/ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
11/26/2014	ND (0.11)/ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
12/4/2014	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)/ND (0.11)	ND (0.11)
12/11/2014	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)/ND (0.11)	ND (0.11)
12/17/2014	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)/ND (0.11)	ND (0.11)
No. of Detects	**0**	**0**	**0**	**1**	**0**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**NA**	**NA**	**NA**	**0.4**	**NA**
Median	**NA**	**NA**	**NA**	**0.4**	**NA**
Maximum	**NA**	**NA**	**NA**	**0.4**	**NA**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-2
1,1-Dichloroethene

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)/ND (0.13)	ND (0.13)
5/15/2014	ND (0.13)/ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)
5/23/2014	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)/ND (0.13)	ND (0.13)
5/30/2014	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)/ND (0.13)	ND (0.13)
6/6/2014	ND (0.13)	ND (0.13)/ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)
6/13/2014	ND (0.13)/ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)
6/18/2014[1]	ND (0.13)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)
6/26/2014	ND (0.13)/ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)
7/3/2014	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)/ND (0.13)	ND (0.13)
7/10/2014	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)
7/17/2014	NS[2]	ND (0.13)	ND (0.13)	ND (0.13)/ND (0.13)	ND (0.13)
7/24/2014	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)/ND (0.13)	ND (0.13)
7/31/2014	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)/ND (0.13)	ND (0.13)
8/6/2014	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)/ND (0.13)	ND (0.13)
8/14/2014	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)/ND (0.13)	ND (0.13)
8/21/2014	ND (0.13)/ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)
8/28/2014	ND (0.13)	ND (0.13)/ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)
9/4/2014	ND (0.13)/ 0.190 J	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)
9/12/2014	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)/ND (0.13)	ND (0.13)
9/17/2014	ND (0.13)	ND (0.13)/ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)
9/24/2014	ND (0.13)	ND (0.13)/ND (0.13)	ND (0.13)	ND (0.13)	NS[2]
9/30/2014	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)/ND (0.13)	NS[2]
10/9/2014	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)/ND (0.13)	ND (0.13)
10/16/2014	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)/ND (0.13)	ND (0.13)
10/23/2014	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)/ND (0.13)	ND (0.13)
10/30/2014	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)/ND (0.13)	ND (0.13)
11/6/2014	ND (0.13)/ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)
11/13/2014	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)/ND (0.13)	ND (0.13)
11/20/2014	ND (0.13)/ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)
11/26/2014	ND (0.13)/ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)
12/4/2014	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)/ND (0.13)	ND (0.13)
12/11/2014	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)/ND (0.13)	ND (0.13)
12/17/2014	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.13)/ND (0.13)	ND (0.13)
No. of Detects	**1**	**0**	**0**	**0**	**0**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**0.19**	**NA**	**NA**	**NA**	**NA**
Median	**0.19**	**NA**	**NA**	**NA**	**NA**
Maximum	**0.19**	**NA**	**NA**	**NA**	**NA**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-3
1,1,1-Trichloroethane

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)/ND (0.16)	ND (0.16)
5/15/2014	ND (0.16)/ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)
5/23/2014	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)/ND (0.16)	ND (0.16)
5/30/2014	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)/ND (0.16)	ND (0.16)
6/6/2014	ND (0.16)	ND (0.16)/ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)
6/13/2014	ND (0.16)/ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)
6/18/2014[1]	ND (0.16)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)
6/26/2014	ND (0.16)/ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)
7/3/2014	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)/ND (0.16)	ND (0.16)
7/10/2014	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)
7/17/2014	NS[2]	ND (0.16)	ND (0.16)	ND (0.16)/ND (0.16)	ND (0.16)
7/24/2014	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)/ND (0.16)	ND (0.16)
7/31/2014	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)/ND (0.16)	ND (0.16)
8/6/2014	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)/ND (0.16)	ND (0.16)
8/14/2014	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)/ND (0.16)	ND (0.16)
8/21/2014	ND (0.16)/ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)
8/28/2014	ND (0.16)	ND (0.16)/ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)
9/4/2014	ND (0.16)/ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)
9/12/2014	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)/ND (0.16)	ND (0.16)
9/17/2014	ND (0.16)	ND (0.16)/ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)
9/24/2014	ND (0.16)	ND (0.16)/ND (0.16)	ND (0.16)	ND (0.16)	NS[2]
9/30/2014	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)/ND (0.16)	NS[2]
10/9/2014	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)/ND (0.16)	ND (0.16)
10/16/2014	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)/ND (0.16)	ND (0.16)
10/23/2014	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)/ND (0.16)	ND (0.16)
10/30/2014	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)/ND (0.16)	ND (0.16)
11/6/2014	ND (0.16)/ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)
11/13/2014	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)/ND (0.16)	ND (0.16)
11/20/2014	ND (0.16)/ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)
11/26/2014	ND (0.16)/ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)
12/4/2014	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)/ND (0.16)	ND (0.16)
12/11/2014	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)/ND (0.16)	ND (0.16)
12/17/2014	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)/ND (0.16)	ND (0.16)
No. of Detects	**0**	**0**	**0**	**0**	**0**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**NA**	**NA**	**NA**	**NA**	**NA**
Median	**NA**	**NA**	**NA**	**NA**	**NA**
Maximum	**NA**	**NA**	**NA**	**NA**	**NA**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-4
1,1,2-Trichloro-1,2,2-trifluoroethane

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	1.200 J	0.670 J	0.610 J	0.580 J/ 0.650 J	0.640 J
5/15/2014	0.660 J/ 0.620 J	0.620 J	0.590 J	0.620 J	0.590 J
5/23/2014	0.630 J	0.670 J	0.720 J	0.580 J/ 0.580 J	0.580 J
5/30/2014	0.540 J	0.590 J	0.530 J	0.580 J/ 0.580 J	0.570 J
6/6/2014	0.690 J	0.700 J/ 0.720 J	0.650 J	0.690 J	0.540 J
6/13/2014	0.410 J/ 0.610 J	0.650 J	0.470 J	0.870 J	0.530 J
6/18/2014[1]	0.640 J	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	0.560 J	0.640 J	0.600 J	0.660 J	0.660 J
6/26/2014	0.470 J/ 0.520 J	0.500 J	0.440 J	0.480 J	0.530 J
7/3/2014	0.500 J	0.510 J	0.490 J	0.450 J/ 0.570 J	0.540 J
7/10/2014	0.520 J	0.460 J	0.440 J	0.450 J	0.470 J
7/17/2014	NS[2]	0.590 J	0.600 J	0.600 J/ 0.540 J	0.550 J
7/24/2014	0.480 J	0.470 J	0.560 J	0.580 J/ 0.500 J	0.500 J
7/31/2014	0.650 J	0.580 J	0.580 J	0.540 J/ 0.630 J	0.530 J
8/6/2014	0.530 J	0.520 J	0.490 J	0.510 J/ 0.510 J	0.570 J
8/14/2014	0.530 J	0.590 J	0.610 J	0.590 J/ 0.570 J	0.540 J
8/21/2014	0.470 J/ 0.510 J	0.580 J	0.470 J	0.470 J	0.530 J
8/28/2014	0.590 J	0.610 J/ 0.580 J	0.510 J	0.600 J	0.580 J
9/4/2014	0.660 J/ 0.720 J	0.640 J	0.550 J	0.610 J	0.570 J
9/12/2014	0.500 J	0.500 J	0.450 J	0.460 J/ 0.470 J	0.550 J
9/17/2014	0.560 J	0.650 J/ 0.690 J	0.560 J	0.530 J	0.590 J
9/24/2014	0.650 J	0.630 J/ 0.560 J	0.550 J	0.550 J	NS[2]
9/30/2014	0.640 J	0.560 J	0.550 J	0.580 J/ 0.590 J	NS[2]
10/9/2014	0.580 J	0.720 J	0.540 J	0.640 J/ 0.500 J	0.520 J
10/16/2014	0.580 J	0.560 J	0.570 J	0.640 J/ 0.690 J	0.560 J
10/23/2014	0.590 J	0.540 J	0.580 J	0.590 J/ 0.610 J	0.580 J
10/30/2014	0.530 J	0.580 J	0.510 J	0.550 J/ 0.580 J	0.560 J
11/6/2014	0.560 J/ 0.590 J	0.560 J	0.560 J	0.660 J	0.520 J
11/13/2014	0.610 J	0.500 J	0.530 J	0.620 J/ 0.590 J	0.550 J
11/20/2014	0.540 J/ 0.500 J	0.670 J	0.560 J	0.580 J	0.660 J
11/26/2014	0.510 J/ 0.530 J	0.510 J	0.500 J	0.510 J	0.510 J
12/4/2014	0.720 J	0.680 J	0.890 J	0.630 J/ 0.680 J	0.670 J
12/11/2014	0.620 J	0.610 J	0.590 J	0.540 J/ 0.590 J	0.580 J
12/17/2014	0.520 J	0.580 J	0.570 J	0.600 J/ 0.590 J	0.650 J
No. of Detects	**41**	**37**	**33**	**52**	**31**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**0.41**	**0.46**	**0.44**	**0.45**	**0.47**
Median	**0.56**	**0.59**	**0.56**	**0.58**	**0.56**
Maximum	**1.2**	**0.72**	**0.89**	**0.87**	**0.67**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-5
1,1,2-Trichloroethane

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)/ND (0.29)	ND (0.29)
5/15/2014	ND (0.29)/ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)
5/23/2014	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)/ND (0.29)	ND (0.29)
5/30/2014	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)/ND (0.29)	ND (0.29)
6/6/2014	ND (0.29)	ND (0.29)/ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)
6/13/2014	ND (0.29)/ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)
6/18/2014[1]	ND (0.29)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)
6/26/2014	ND (0.29)/ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)
7/3/2014	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)/ND (0.29)	ND (0.29)
7/10/2014	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)
7/17/2014	NS[2]	ND (0.29)	ND (0.29)	ND (0.29)/ND (0.29)	ND (0.29)
7/24/2014	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)/ND (0.29)	ND (0.29)
7/31/2014	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)/ND (0.29)	ND (0.29)
8/6/2014	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)/ND (0.29)	ND (0.29)
8/14/2014	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)/ND (0.29)	ND (0.29)
8/21/2014	ND (0.29)/ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)
8/28/2014	ND (0.29)	ND (0.29)/ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)
9/4/2014	UJ/ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)
9/12/2014	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)/ND (0.29)	ND (0.29)
9/17/2014	ND (0.29)	ND (0.29)/ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)
9/24/2014	ND (0.29)	ND (0.29)/ND (0.29)	ND (0.29)	ND (0.29)	NS[2]
9/30/2014	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)/ND (0.29)	NS[2]
10/9/2014	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)/ND (0.29)	ND (0.29)
10/16/2014	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)/ND (0.29)	ND (0.29)
10/23/2014	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)/ND (0.29)	ND (0.29)
10/30/2014	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)/ND (0.29)	ND (0.29)
11/6/2014	ND (0.29)/ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)
11/13/2014	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)/ND (0.29)	ND (0.29)
11/20/2014	ND (0.29)/ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)
11/26/2014	ND (0.29)/ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)
12/4/2014	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)/ND (0.29)	ND (0.29)
12/11/2014	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)/ND (0.29)	ND (0.29)
12/17/2014	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)/ND (0.29)	ND (0.29)
No. of Detects	**0**	**0**	**0**	**0**	**0**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**NA**	**NA**	**NA**	**NA**	**NA**
Median	**NA**	**NA**	**NA**	**NA**	**NA**
Maximum	**NA**	**NA**	**NA**	**NA**	**NA**

Notes:

All concentrations in micrograms per cubic meter (µg/m^3)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-6
1,1,2,2-Tetrachloroethane

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
5/15/2014	ND (0.42)/ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
5/23/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
5/30/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
6/6/2014	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
6/13/2014	ND (0.42)/ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
6/18/2014[1]	ND (0.42)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
6/26/2014	ND (0.42)/ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
7/3/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
7/10/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
7/17/2014	NS[2]	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
7/24/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
7/31/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
8/6/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
8/14/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
8/21/2014	ND (0.42)/ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
8/28/2014	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
9/4/2014	ND (0.42)/ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
9/12/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
9/17/2014	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
9/24/2014	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)	ND (0.42)	NS[2]
9/30/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	NS[2]
10/9/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
10/16/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
10/23/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
10/30/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
11/6/2014	ND (0.42)/ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
11/13/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
11/20/2014	ND (0.42)/ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
11/26/2014	ND (0.42)/ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
12/4/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
12/11/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
12/17/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
No. of Detects	**0**	**0**	**0**	**0**	**0**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**NA**	**NA**	**NA**	**NA**	**NA**
Median	**NA**	**NA**	**NA**	**NA**	**NA**
Maximum	**NA**	**NA**	**NA**	**NA**	**NA**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-7
1,2-Dibromoethane (EDB)

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
5/15/2014	ND (0.34)/ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
5/23/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
5/30/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
6/6/2014	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
6/13/2014	ND (0.34)/ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
6/18/2014[1]	ND (0.34)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
6/26/2014	ND (0.34)/ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
7/3/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
7/10/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
7/17/2014	NS[2]	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
7/24/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
7/31/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
8/6/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
8/14/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
8/21/2014	ND (0.34)/ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
8/28/2014	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
9/4/2014	ND (0.34)/ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
9/12/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
9/17/2014	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
9/24/2014	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)	ND (0.34)	NS[2]
9/30/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	NS[2]
10/9/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
10/16/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
10/23/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
10/30/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
11/6/2014	ND (0.34)/ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
11/13/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
11/20/2014	ND (0.34)/ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
11/26/2014	ND (0.34)/ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
12/4/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
12/11/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
12/17/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
No. of Detects	**0**	**0**	**0**	**0**	**0**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**NA**	**NA**	**NA**	**NA**	**NA**
Median	**NA**	**NA**	**NA**	**NA**	**NA**
Maximum	**NA**	**NA**	**NA**	**NA**	**NA**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-8
1,2-Dichloro-1,1,2,2-tetrafluoroethane

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
5/15/2014	ND (0.22)/ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
5/23/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
5/30/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
6/6/2014	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
6/13/2014	ND (0.22)/ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
6/18/2014[1]	ND (0.22)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
6/26/2014	ND (0.22)/ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
7/3/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
7/10/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
7/17/2014	NS[2]	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
7/24/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
7/31/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
8/6/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
8/14/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
8/21/2014	ND (0.22)/ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
8/28/2014	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
9/4/2014	ND (0.22)/ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
9/12/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
9/17/2014	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
9/24/2014	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)	ND (0.22)	NS[2]
9/30/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	NS[2]
10/9/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
10/16/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
10/23/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
10/30/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
11/6/2014	ND (0.22)/ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
11/13/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
11/20/2014	ND (0.22)/ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
11/26/2014	ND (0.22)/ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
12/4/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
12/11/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
12/17/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
No. of Detects	**0**	**0**	**0**	**0**	**0**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**NA**	**NA**	**NA**	**NA**	**NA**
Median	**NA**	**NA**	**NA**	**NA**	**NA**
Maximum	**NA**	**NA**	**NA**	**NA**	**NA**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-9
1,2-Dichlorobenzene

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
5/15/2014	ND (0.42)/ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
5/23/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
5/30/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
6/6/2014	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
6/13/2014	ND (0.42)/ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
6/18/2014[1]	ND (0.42)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
6/26/2014	ND (0.42)/ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
7/3/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
7/10/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
7/17/2014	NS[2]	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
7/24/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
7/31/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
8/6/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
8/14/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
8/21/2014	ND (0.42)/ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
8/28/2014	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
9/4/2014	ND (0.42)/ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
9/12/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
9/17/2014	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
9/24/2014	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)	ND (0.42)	NS[2]
9/30/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	NS[2]
10/9/2014	ND (0.42)	ND (0.42)	1.100 J	ND (0.42)/ND (0.42)	ND (0.42)
10/16/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
10/23/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
10/30/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
11/6/2014	ND (0.42)/ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
11/13/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
11/20/2014	ND (0.42)/ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
11/26/2014	ND (0.42)/ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
12/4/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
12/11/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
12/17/2014	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)/ND (0.42)	ND (0.42)
No. of Detects	**0**	**0**	**1**	**0**	**0**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**NA**	**NA**	**1.1**	**NA**	**NA**
Median	**NA**	**NA**	**1.1**	**NA**	**NA**
Maximum	**NA**	**NA**	**1.1**	**NA**	**NA**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-10
1,2-Dichloroethane

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
5/15/2014	ND (0.19)/ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)
5/23/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
5/30/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
6/6/2014	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)
6/13/2014	ND (0.19)/ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)
6/18/2014[1]	ND (0.19)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)
6/26/2014	ND (0.19)/ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)
7/3/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
7/10/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)
7/17/2014	NS[2]	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
7/24/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
7/31/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
8/6/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
8/14/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
8/21/2014	ND (0.19)/ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)
8/28/2014	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)
9/4/2014	ND (0.19)/ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)
9/12/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
9/17/2014	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)
9/24/2014	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)	ND (0.19)	NS[2]
9/30/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	NS[2]
10/9/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
10/16/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
10/23/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
10/30/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
11/6/2014	ND (0.19)/ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)
11/13/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
11/20/2014	ND (0.19)/ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)
11/26/2014	ND (0.19)/ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)
12/4/2014	ND (0.19)	ND (0.19)	ND (0.19)	0.210 J/ND (0.19)	ND (0.19)
12/11/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	0.410 J
12/17/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
No. of Detects	**0**	**0**	**0**	**1**	**1**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**NA**	**NA**	**NA**	**0.21**	**0.41**
Median	**NA**	**NA**	**NA**	**0.21**	**0.41**
Maximum	**NA**	**NA**	**NA**	**0.21**	**0.41**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-11
1,2-Dichloropropane

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
5/15/2014	ND (0.24)/ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
5/23/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
5/30/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
6/6/2014	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
6/13/2014	ND (0.24)/ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
6/18/2014[1]	ND (0.24)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
6/26/2014	ND (0.24)/ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
7/3/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
7/10/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
7/17/2014	NS[2]	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
7/24/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
7/31/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
8/6/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
8/14/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
8/21/2014	ND (0.24)/ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
8/28/2014	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
9/4/2014	ND (0.24)/ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
9/12/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
9/17/2014	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
9/24/2014	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)	ND (0.24)	NS[2]
9/30/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	NS[2]
10/9/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
10/16/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
10/23/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
10/30/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
11/6/2014	ND (0.24)/ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
11/13/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
11/20/2014	ND (0.24)/ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
11/26/2014	ND (0.24)/ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
12/4/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
12/11/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
12/17/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
No. of Detects	**0**	**0**	**0**	**0**	**0**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**NA**	**NA**	**NA**	**NA**	**NA**
Median	**NA**	**NA**	**NA**	**NA**	**NA**
Maximum	**NA**	**NA**	**NA**	**NA**	**NA**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-12
1,2,4-Trichlorobenzene

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)/ND (0.73)	ND (0.73)
5/15/2014	ND (0.73)/ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	0.960 J
5/23/2014	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)/ND (0.73)	ND (0.73)
5/30/2014	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)/ND (0.73)	ND (0.73)
6/6/2014	ND (0.73)	ND (0.73)/ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)
6/13/2014	ND (0.73)/ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)
6/18/2014[1]	ND (0.73)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)
6/26/2014	ND (0.73)/ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)
7/3/2014	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)/ND (0.73)	ND (0.73)
7/10/2014	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)
7/17/2014	NS[2]	ND (0.73)	ND (0.73)	ND (0.73)/ND (0.73)	ND (0.73)
7/24/2014	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)/ND (0.73)	ND (0.73)
7/31/2014	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)/ND (0.73)	ND (0.73)
8/6/2014	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)/ND (0.73)	ND (0.73)
8/14/2014	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)/ND (0.73)	ND (0.73)
8/21/2014	ND (0.73)/ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)
8/28/2014	ND (0.73)	ND (0.73)/ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)
9/4/2014	UJ/ND (0.73)	UJ	UJ	UJ	UJ
9/12/2014	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)/ND (0.73)	ND (0.73)
9/17/2014	ND (0.73)	ND (0.73)/ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)
9/24/2014	ND (0.73)	ND (0.73)/ND (0.73)	ND (0.73)	ND (0.73)	NS[2]
9/30/2014	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)/ND (0.73)	NS[2]
10/9/2014	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)/ND (0.73)	ND (0.73)
10/16/2014	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)/ND (0.73)	ND (0.73)
10/23/2014	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)/ND (0.73)	ND (0.73)
10/30/2014	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)/ND (0.73)	ND (0.73)
11/6/2014	ND (0.73)/ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)
11/13/2014	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)/ND (0.73)	ND (0.73)
11/20/2014	ND (0.73)/ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)
11/26/2014	ND (0.73)/ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)
12/4/2014	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)/ND (0.73)	ND (0.73)
12/11/2014	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)/ND (0.73)	ND (0.73)
12/17/2014	ND (0.73)	ND (0.73)	ND (0.73)	ND (0.73)/ND (0.73)	ND (0.73)
No. of Detects	**0**	**0**	**0**	**0**	**1**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**NA**	**NA**	**NA**	**NA**	**0.96**
Median	**NA**	**NA**	**NA**	**NA**	**0.96**
Maximum	**NA**	**NA**	**NA**	**NA**	**0.96**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-13
1,2,4-Trimethylbenzene

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)/ 0.500 J	ND (0.31)
5/15/2014	ND (0.31)/ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)
5/23/2014	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)/ND (0.31)	ND (0.31)
5/30/2014	ND (0.31)	ND (0.31)	0.320 J	ND (0.31)/ 0.320 J	0.470 J
6/6/2014	0.360 J	ND (0.31)/ND (0.31)	0.340 J	0.350 J	ND (0.31)
6/13/2014	ND (0.31)/ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)
6/18/2014[1]	ND (0.31)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)
6/26/2014	ND (0.31)/ND (0.31)	ND (0.31)	0.340 J	ND (0.31)	ND (0.31)
7/3/2014	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)/ND (0.31)	ND (0.31)
7/10/2014	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)
7/17/2014	NS[2]	ND (0.31)	ND (0.31)	ND (0.31)/ND (0.31)	ND (0.31)
7/24/2014	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)/ND (0.31)	ND (0.31)
7/31/2014	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)/ND (0.31)	ND (0.31)
8/6/2014	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)/ND (0.31)	ND (0.31)
8/14/2014	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)/ND (0.31)	0.450 J
8/21/2014	ND (0.31)/ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)
8/28/2014	ND (0.31)	ND (0.31)/ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)
9/4/2014	ND (0.31)/ND (0.31)	0.370 J	0.380 J	0.400 J	ND (0.31)
9/12/2014	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)/ND (0.31)	ND (0.31)
9/17/2014	ND (0.31)	ND (0.31)/ 0.330 J	0.410 J	ND (0.31)	ND (0.31)
9/24/2014	ND (0.31)	ND (0.31)/ND (0.31)	ND (0.31)	ND (0.31)	NS[2]
9/30/2014	0.380 J	ND (0.31)	ND (0.31)	ND (0.31)/ 0.440 J	NS[2]
10/9/2014	0.440 J	0.370 J	0.800 J	0.410 J/ 0.440 J	0.610 J
10/16/2014	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)/ND (0.31)	ND (0.31)
10/23/2014	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)/ND (0.31)	0.350 J
10/30/2014	0.390 J	0.440 J	0.330 J	0.380 J/ 0.330 J	0.480 J
11/6/2014	ND (0.31)/ 0.500 J	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)
11/13/2014	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)/ND (0.31)	ND (0.31)
11/20/2014	ND (0.31)/ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)
11/26/2014	0.420 J/ 0.410 J	0.360 J	0.340 J	0.410 J	0.430 J
12/4/2014	ND (0.31)	ND (0.31)	0.600 J	ND (0.31)/ND (0.31)	ND (0.31)
12/11/2014	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)/ND (0.31)	ND (0.31)
12/17/2014	ND (0.31)	ND (0.31)	ND (0.31)	ND (0.31)/ND (0.31)	ND (0.31)
No. of Detects	**7**	**5**	**9**	**10**	**6**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**0.36**	**0.33**	**0.32**	**0.32**	**0.35**
Median	**0.41**	**0.37**	**0.34**	**0.405**	**0.46**
Maximum	**0.5**	**0.44**	**0.8**	**0.5**	**0.61**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-14
1,3-Dichlorobenzene

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)/ND (0.39)	ND (0.39)
5/15/2014	ND (0.39)/ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)
5/23/2014	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)/ND (0.39)	ND (0.39)
5/30/2014	ND (0.39)	0.510 J	ND (0.39)	ND (0.39)/ND (0.39)	ND (0.39)
6/6/2014	ND (0.39)	ND (0.39)/ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)
6/13/2014	ND (0.39)/ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)
6/18/2014[1]	ND (0.39)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)
6/26/2014	ND (0.39)/ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)
7/3/2014	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)/ND (0.39)	ND (0.39)
7/10/2014	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)
7/17/2014	NS[2]	ND (0.39)	ND (0.39)	ND (0.39)/ND (0.39)	ND (0.39)
7/24/2014	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)/ND (0.39)	ND (0.39)
7/31/2014	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)/ND (0.39)	ND (0.39)
8/6/2014	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)/ND (0.39)	ND (0.39)
8/14/2014	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)/ND (0.39)	ND (0.39)
8/21/2014	ND (0.39)/ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)
8/28/2014	ND (0.39)	ND (0.39)/ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)
9/4/2014	ND (0.39)/ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)
9/12/2014	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)/ND (0.39)	ND (0.39)
9/17/2014	ND (0.39)	ND (0.39)/ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)
9/24/2014	ND (0.39)	ND (0.39)/ND (0.39)	ND (0.39)	ND (0.39)	NS[2]
9/30/2014	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)/ND (0.39)	NS[2]
10/9/2014	ND (0.39)	ND (0.39)	0.450 J	ND (0.39)/ND (0.39)	ND (0.39)
10/16/2014	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)/ND (0.39)	ND (0.39)
10/23/2014	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)/ND (0.39)	ND (0.39)
10/30/2014	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)/ND (0.39)	ND (0.39)
11/6/2014	ND (0.39)/ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)
11/13/2014	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)/ND (0.39)	ND (0.39)
11/20/2014	ND (0.39)/ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)
11/26/2014	ND (0.39)/ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)
12/4/2014	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)/ND (0.39)	ND (0.39)
12/11/2014	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)/ND (0.39)	ND (0.39)
12/17/2014	ND (0.39)	ND (0.39)	ND (0.39)	ND (0.39)/ND (0.39)	ND (0.39)
No. of Detects	**0**	**1**	**1**	**0**	**0**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**NA**	**0.51**	**0.45**	**NA**	**NA**
Median	**NA**	**0.51**	**0.45**	**NA**	**NA**
Maximum	**NA**	**0.51**	**0.45**	**NA**	**NA**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-15
1,3,5-Trimethylbenzene

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)/ND (0.32)	ND (0.32)
5/15/2014	ND (0.32)/ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
5/23/2014	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)/ND (0.32)	ND (0.32)
5/30/2014	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)/ND (0.32)	ND (0.32)
6/6/2014	ND (0.32)	ND (0.32)/ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
6/13/2014	ND (0.32)/ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
6/18/2014[1]	ND (0.32)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
6/26/2014	ND (0.32)/ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
7/3/2014	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)/ND (0.32)	ND (0.32)
7/10/2014	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
7/17/2014	NS[2]	ND (0.32)	ND (0.32)	ND (0.32)/ND (0.32)	ND (0.32)
7/24/2014	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)/ND (0.32)	ND (0.32)
7/31/2014	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)/ND (0.32)	ND (0.32)
8/6/2014	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)/ND (0.32)	ND (0.32)
8/14/2014	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)/ND (0.32)	ND (0.32)
8/21/2014	ND (0.32)/ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
8/28/2014	ND (0.32)	ND (0.32)/ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
9/4/2014	ND (0.32)/ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
9/12/2014	UJ	UJ	UJ	UJ/UJ	UJ
9/17/2014	ND (0.32)	ND (0.32)/ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
9/24/2014	ND (0.32)	ND (0.32)/ND (0.32)	ND (0.32)	ND (0.32)	NS[2]
9/30/2014	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)/ND (0.32)	NS[2]
10/9/2014	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)/ND (0.32)	ND (0.32)
10/16/2014	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)/ND (0.32)	ND (0.32)
10/23/2014	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)/ND (0.32)	ND (0.32)
10/30/2014	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)/ND (0.32)	ND (0.32)
11/6/2014	ND (0.32)/ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
11/13/2014	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)/ND (0.32)	ND (0.32)
11/20/2014	ND (0.32)/ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
11/26/2014	ND (0.32)/ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
12/4/2014	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)/ND (0.32)	ND (0.32)
12/11/2014	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)/ND (0.32)	ND (0.32)
12/17/2014	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)/ND (0.32)	ND (0.32)
No. of Detects	**0**	**0**	**0**	**0**	**0**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**NA**	**NA**	**NA**	**NA**	**NA**
Median	**NA**	**NA**	**NA**	**NA**	**NA**
Maximum	**NA**	**NA**	**NA**	**NA**	**NA**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-16
1,4-Dichlorobenzene

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	ND (0.38)	ND (0.38)	0.510 J	ND (0.38)/ND (0.38)	ND (0.38)
5/15/2014	ND (0.38)/ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)	0.510 J
5/23/2014	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)/ND (0.38)	ND (0.38)
5/30/2014	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)/ND (0.38)	0.390 J
6/6/2014	ND (0.38)	ND (0.38)/ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)
6/13/2014	ND (0.38)/ND (0.38)	ND (0.38)	ND (0.38)	0.440 J	ND (0.38)
6/18/2014[1]	ND (0.38)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)
6/26/2014	ND (0.38)/ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)
7/3/2014	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)/ND (0.38)	ND (0.38)
7/10/2014	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)
7/17/2014	NS[2]	ND (0.38)	ND (0.38)	ND (0.38)/ND (0.38)	ND (0.38)
7/24/2014	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)/ND (0.38)	ND (0.38)
7/31/2014	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)/ND (0.38)	ND (0.38)
8/6/2014	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)/ND (0.38)	ND (0.38)
8/14/2014	1.5	0.750 J	0.760 J	ND (0.38)/ 0.400 J	0.420 J
8/21/2014	ND (0.38)/ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)
8/28/2014	ND (0.38)	ND (0.38)/ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)
9/4/2014	ND (0.38)/ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)
9/12/2014	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)/ND (0.38)	ND (0.38)
9/17/2014	ND (0.38)	ND (0.38)/ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)
9/24/2014	ND (0.38)	ND (0.38)/ND (0.38)	ND (0.38)	ND (0.38)	NS[2]
9/30/2014	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)/ND (0.38)	NS[2]
10/9/2014	ND (0.38)	ND (0.38)	0.710 J	ND (0.38)/ 0.920 J	ND (0.38)
10/16/2014	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)/ND (0.38)	ND (0.38)
10/23/2014	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)/ND (0.38)	ND (0.38)
10/30/2014	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)/ND (0.38)	ND (0.38)
11/6/2014	ND (0.38)/ 0.890 J	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)
11/13/2014	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)/ND (0.38)	ND (0.38)
11/20/2014	ND (0.38)/ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)
11/26/2014	ND (0.38)/ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)
12/4/2014	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)/ND (0.38)	ND (0.38)
12/11/2014	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)/ND (0.38)	ND (0.38)
12/17/2014	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)/ND (0.38)	ND (0.38)
No. of Detects	**2**	**1**	**3**	**3**	**3**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**0.89**	**0.75**	**0.51**	**0.4**	**0.39**
Median	**1.195**	**0.75**	**0.71**	**0.44**	**0.42**
Maximum	**1.5**	**0.75**	**0.76**	**0.92**	**0.51**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-17
Benzene

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	0.310 J	0.320 J	0.350 J	0.280 J/ 0.290 J	0.310 J
5/15/2014	0.310 J/ 0.440 J	0.220 J	0.320 J	0.280 J	0.310 J
5/23/2014	0.280 J	0.300 J	0.350 J	0.260 J/ 0.280 J	0.280 J
5/30/2014	0.500 J	0.510 J	0.64	0.550 J/ 0.550 J	0.580 J
6/6/2014	0.73	0.630 / 0.750	0.74	0.72	0.610 J
6/13/2014	ND (0.18)/ 0.320 J	0.220 J	ND (0.18)	0.440 J	0.260 J
6/18/2014[1]	0.370 J	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	0.370 J	0.360 J	0.290 J	0.330 J	0.270 J
6/26/2014	0.440 J/ 0.400 J	0.450 J	0.430 J	0.440 J	0.440 J
7/3/2014	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)/ND (0.18)	0.200 J
7/10/2014	0.250 J	0.210 J	0.250 J	0.370 J	0.340 J
7/17/2014	NS[2]	0.360 J	0.460 J	0.440 J/ 0.420 J	0.430 J
7/24/2014	0.300 J	0.210 J	0.500 J	0.270 J/ 0.260 J	0.270 J
7/31/2014	0.410 J	0.350 J	0.370 J	0.350 J/ 0.210 J	0.450 J
8/6/2014	0.470 J	0.390 J	0.410 J	0.390 J/ 0.420 J	0.560 J
8/14/2014	0.98	0.83	0.96	0.770 / 0.800	0.97
8/21/2014	0.420 J/ 0.410 J	0.300 J	0.300 J	0.370 J	0.330 J
8/28/2014	0.550 J	0.540 J/ 0.520 J	0.550 J	0.500 J	0.410 J
9/4/2014	0.350 J/ 0.260 J	0.420 J	0.360 J	0.410 J	0.270 J
9/12/2014	ND (0.18)	0.190 J	ND (0.18)	ND (0.18)/ND (0.18)	0.240 J
9/17/2014	0.580 J	0.670 / 0.790	0.71	0.600 J	0.69
9/24/2014	0.74	0.600 J/ 0.750	0.65	0.380 J	NS[2]
9/30/2014	0.82	0.280 J	0.540 J	0.310 J/ 0.480 J	NS[2]
10/9/2014	1.3	0.98	1.1	1.100 / 1.300	1.2
10/16/2014	0.470 J	0.450 J	0.540 J	0.480 J/ 0.520 J	0.400 J
10/23/2014	0.300 J	0.8	0.66	0.610 J/ 0.690	0.76
10/30/2014	0.81	0.85	0.81	0.740 / 0.670	0.78
11/6/2014	0.440 J/ 0.510 J	0.500 J	0.460 J	0.440 J	0.380 J
11/13/2014	0.240 J	0.290 J	0.290 J	0.360 J/ 0.280 J	ND (0.18)
11/20/2014	0.540 J/ 0.520 J	0.520 J	0.72	0.490 J	0.440 J
11/26/2014	0.950 / 1.100	1	1.1	1	1.1
12/4/2014	0.76	0.76	0.85	0.800 / 0.660	0.87
12/11/2014	0.94	0.530 J	0.470 J	0.420 J/ 0.450 J	0.450 J
12/17/2014	0.300 J	0.480 J	0.580 J	0.430 J/ 0.510 J	0.370 J
No. of Detects	**38**	**36**	**30**	**48**	**30**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**0.24**	**0.19**	**0.25**	**0.21**	**0.2**
Median	**0.44**	**0.49**	**0.52**	**0.44**	**0.42**
Maximum	**1.3**	**1**	**1.1**	**1.3**	**1.2**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-18
Benzyl chloride

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)/ND (0.4)	ND (0.4)
5/15/2014	ND (0.4)/ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
5/23/2014	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)/ND (0.4)	ND (0.4)
5/30/2014	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)/ND (0.4)	ND (0.4)
6/6/2014	ND (0.4)	ND (0.4)/ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
6/13/2014	ND (0.4)/ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
6/18/2014[1]	ND (0.4)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
6/26/2014	ND (0.4)/ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
7/3/2014	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)/ND (0.4)	ND (0.4)
7/10/2014	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
7/17/2014	NS[2]	ND (0.4)	ND (0.4)	ND (0.4)/ND (0.4)	ND (0.4)
7/24/2014	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)/ND (0.4)	ND (0.4)
7/31/2014	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)/ND (0.4)	ND (0.4)
8/6/2014	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)/ND (0.4)	ND (0.4)
8/14/2014	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)/ND (0.4)	ND (0.4)
8/21/2014	ND (0.4)/ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
8/28/2014	ND (0.4)	ND (0.4)/ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
9/4/2014	ND (0.4)/ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
9/12/2014	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)/ND (0.4)	ND (0.4)
9/17/2014	ND (0.4)	ND (0.4)/ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
9/24/2014	ND (0.4)	ND (0.4)/ND (0.4)	ND (0.4)	ND (0.4)	NS[2]
9/30/2014	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)/ND (0.4)	NS[2]
10/9/2014	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)/ND (0.4)	ND (0.4)
10/16/2014	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)/ND (0.4)	ND (0.4)
10/23/2014	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)/ND (0.4)	ND (0.4)
10/30/2014	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)/ND (0.4)	ND (0.4)
11/6/2014	ND (0.4)/ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
11/13/2014	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)/ND (0.4)	ND (0.4)
11/20/2014	ND (0.4)/ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
11/26/2014	ND (0.4)/ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
12/4/2014	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)/ND (0.4)	ND (0.4)
12/11/2014	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)/ND (0.4)	ND (0.4)
12/17/2014	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)/ND (0.4)	ND (0.4)
No. of Detects	**0**	**0**	**0**	**0**	**0**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**NA**	**NA**	**NA**	**NA**	**NA**
Median	**NA**	**NA**	**NA**	**NA**	**NA**
Maximum	**NA**	**NA**	**NA**	**NA**	**NA**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-19
Bromomethane

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	ND (0.12)	ND (0.12)	0.200 J	ND (0.12)/ND (0.12)	ND (0.12)
5/15/2014	ND (0.12)/ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)
5/23/2014	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)/ND (0.12)	ND (0.12)
5/30/2014	ND (0.12)	ND (0.12)	0.160 J	ND (0.12)/ND (0.12)	ND (0.12)
6/6/2014	ND (0.12)	ND (0.12)/ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)
6/13/2014	ND (0.12)/ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)
6/18/2014[1]	ND (0.12)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	ND (0.12)	0.160 J	ND (0.12)	0.140 J	ND (0.12)
6/26/2014	ND (0.12)/ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)
7/3/2014	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)/ 0.370 J	ND (0.12)
7/10/2014	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)
7/17/2014	NS[2]	ND (0.12)	ND (0.12)	ND (0.12)/ND (0.12)	ND (0.12)
7/24/2014	ND (0.12)	ND (0.12)	0.140 J	ND (0.12)/ND (0.12)	ND (0.12)
7/31/2014	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)/ND (0.12)	ND (0.12)
8/6/2014	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)/ND (0.12)	ND (0.12)
8/14/2014	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)/ND (0.12)	ND (0.12)
8/21/2014	ND (0.12)/ND (0.12)	ND (0.12)	ND (0.12)	0.220 J	0.150 J
8/28/2014	0.150 J	ND (0.12)/ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)
9/4/2014	ND (0.12)/ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)
9/12/2014	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)/ND (0.12)	ND (0.12)
9/17/2014	ND (0.12)	ND (0.12)/ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)
9/24/2014	ND (0.12)	ND (0.12)/ 0.160 J	ND (0.12)	ND (0.12)	NS[2]
9/30/2014	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)/ND (0.12)	NS[2]
10/9/2014	0.130 J	ND (0.12)	ND (0.12)	ND (0.12)/ND (0.12)	ND (0.12)
10/16/2014	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)/ 0.230 J	ND (0.12)
10/23/2014	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)/ND (0.12)	ND (0.12)
10/30/2014	ND (0.12)	ND (0.12)	0.290 J	0.180 J/ND (0.12)	ND (0.12)
11/6/2014	ND (0.12)/ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)
11/13/2014	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)/ND (0.12)	ND (0.12)
11/20/2014	ND (0.12)/ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)
11/26/2014	ND (0.12)/ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)
12/4/2014	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)/ND (0.12)	ND (0.12)
12/11/2014	ND (0.12)	ND (0.12)	ND (0.12)	ND (0.12)/ND (0.12)	ND (0.12)
12/17/2014	ND (0.12)	ND (0.12)	0.190 J	ND (0.12)/ 0.180 J	ND (0.12)
No. of Detects	**2**	**2**	**5**	**6**	**1**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**0.13**	**0.16**	**0.14**	**0.14**	**0.15**
Median	**0.14**	**0.16**	**0.19**	**0.2**	**0.15**
Maximum	**0.15**	**0.16**	**0.29**	**0.37**	**0.15**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-20
Carbon tetrachloride

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	0.380 J	0.420 J	0.670 J	0.380 J/ 0.310 J	0.440 J
5/15/2014	0.470 J/ 0.460 J	0.460 J	0.420 J	0.460 J	0.410 J
5/23/2014	0.770 J	0.550 J	0.580 J	0.410 J/ 0.410 J	0.440 J
5/30/2014	0.470 J	ND (0.24)	0.490 J	0.480 J/ 0.460 J	0.460 J
6/6/2014	0.460 J	0.490 J/ 0.570 J	0.440 J	0.480 J	0.330 J
6/13/2014	0.310 J/ 0.480 J	0.480 J	0.340 J	0.670 J	0.380 J
6/18/2014[1]	0.460 J	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	0.400 J	0.550 J	0.450 J	0.480 J	0.510 J
6/26/2014	0.270 J/ 0.340 J	0.380 J	0.330 J	0.370 J	0.390 J
7/3/2014	0.360 J	0.330 J	0.350 J	0.400 J/ 0.330 J	0.400 J
7/10/2014	0.370 J	0.310 J	0.310 J	0.370 J	0.380 J
7/17/2014	NS[2]	U	U	U/U	U
7/24/2014	0.690 J	0.370 J	1.4	0.350 J/ 0.360 J	0.350 J
7/31/2014	0.540 J	0.390 J	0.420 J	0.450 J/ 0.430 J	0.400 J
8/6/2014	0.410 J	0.370 J	0.410 J	0.390 J/ 0.380 J	0.400 J
8/14/2014	0.440 J	0.430 J	0.500 J	0.450 J/ 0.430 J	0.420 J
8/21/2014	0.270 J/ 0.340 J	0.430 J	0.340 J	0.290 J	0.390 J
8/28/2014	0.460 J	0.470 J/ 0.490 J	0.470 J	0.480 J	0.480 J
9/4/2014	0.530 J/ 0.510 J	0.610 J	0.500 J	0.520 J	0.480 J
9/12/2014	0.390 J	0.420 J	0.360 J	0.580 J/ 0.370 J	0.490 J
9/17/2014	0.460 J	0.580 J/ 0.390 J	0.520 J	0.490 J	0.550 J
9/24/2014	0.600 J	0.510 J/ 0.440 J	0.470 J	0.450 J	NS[2]
9/30/2014	0.640 J	0.510 J	0.450 J	0.460 J/ 0.560 J	NS[2]
10/9/2014	0.510 J	0.510 J	0.470 J	0.430 J/ 0.550 J	0.480 J
10/16/2014	0.460 J	0.510 J	0.560 J	0.540 J/ 0.600 J	0.480 J
10/23/2014	0.490 J	0.520 J	0.520 J	0.490 J/ 0.460 J	0.510 J
10/30/2014	0.510 J	0.500 J	0.550 J	ND (0.24)/ 0.470 J	0.540 J
11/6/2014	0.510 J/ 0.460 J	0.570 J	0.460 J	0.520 J	0.450 J
11/13/2014	0.320 J	0.340 J	0.460 J	0.430 J/ 0.410 J	0.370 J
11/20/2014	0.570 J/ 0.400 J	0.510 J	0.540 J	0.480 J	0.480 J
11/26/2014	0.560 J/ 0.560 J	0.470 J	0.540 J	0.510 J	0.570 J
12/4/2014	0.600 J	0.440 J	0.720 J	0.540 J/ 0.410 J	0.500 J
12/11/2014	0.540 J	0.430 J	0.440 J	0.430 J/ 0.470 J	0.400 J
12/17/2014	0.380 J	0.480 J	0.440 J	0.480 J/ 0.450 J	0.500 J
No. of Detects	**41**	**35**	**32**	**49**	**30**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**0.27**	**0.31**	**0.31**	**0.29**	**0.33**
Median	**0.46**	**0.47**	**0.465**	**0.45**	**0.445**
Maximum	**0.77**	**0.61**	**1.4**	**0.67**	**0.57**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-21
Chlorobenzene

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)/ND (0.23)	ND (0.23)
5/15/2014	ND (0.23)/ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)
5/23/2014	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)/ND (0.23)	ND (0.23)
5/30/2014	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)/ND (0.23)	ND (0.23)
6/6/2014	ND (0.23)	ND (0.23)/ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)
6/13/2014	ND (0.23)/ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)
6/18/2014[1]	ND (0.23)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)
6/26/2014	ND (0.23)/ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)
7/3/2014	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)/ND (0.23)	ND (0.23)
7/10/2014	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)
7/17/2014	NS[2]	ND (0.23)	ND (0.23)	ND (0.23)/ND (0.23)	ND (0.23)
7/24/2014	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)/ND (0.23)	ND (0.23)
7/31/2014	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)/ND (0.23)	ND (0.23)
8/6/2014	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)/ND (0.23)	ND (0.23)
8/14/2014	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)/ND (0.23)	ND (0.23)
8/21/2014	ND (0.23)/ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)
8/28/2014	ND (0.23)	ND (0.23)/ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)
9/4/2014	ND (0.23)/ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)
9/12/2014	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)/ND (0.23)	ND (0.23)
9/17/2014	ND (0.23)	ND (0.23)/ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)
9/24/2014	ND (0.23)	ND (0.23)/ND (0.23)	ND (0.23)	ND (0.23)	NS[2]
9/30/2014	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)/ND (0.23)	NS[2]
10/9/2014	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)/ND (0.23)	ND (0.23)
10/16/2014	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)/ND (0.23)	ND (0.23)
10/23/2014	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)/ND (0.23)	ND (0.23)
10/30/2014	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)/ND (0.23)	ND (0.23)
11/6/2014	ND (0.23)/ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)
11/13/2014	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)/ND (0.23)	ND (0.23)
11/20/2014	ND (0.23)/ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)
11/26/2014	ND (0.23)/ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)
12/4/2014	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)/ND (0.23)	ND (0.23)
12/11/2014	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)/ND (0.23)	ND (0.23)
12/17/2014	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)/ND (0.23)	ND (0.23)
No. of Detects	**0**	**0**	**0**	**0**	**0**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**NA**	**NA**	**NA**	**NA**	**NA**
Median	**NA**	**NA**	**NA**	**NA**	**NA**
Maximum	**NA**	**NA**	**NA**	**NA**	**NA**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-22
Chloroethane

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	0.100 J	ND (0.092)	0.91	ND (0.092)/ 0.130 J	0.140 J
5/15/2014	ND (0.092)/ND (0.092)	ND (0.092)	ND (0.092)	ND (0.092)	ND (0.092)
5/23/2014	UB	UB	UB	ND (0.092)/UB	UB
5/30/2014	ND (0.092)	ND (0.092)	ND (0.092)	ND (0.092)/ND (0.092)	ND (0.092)
6/6/2014	ND (0.092)	ND (0.092)/ND (0.092)	ND (0.092)	0.140 J	ND (0.092)
6/13/2014	ND (0.092)/ 0.470 J	0.230 J	ND (0.092)	0.130 J	ND (0.092)
6/18/2014[1]	ND (0.092)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	ND (0.092)	0.54	ND (0.092)	ND (0.092)	ND (0.092)
6/26/2014	ND (0.092)/ 0.130 J	0.170 J	ND (0.092)	ND (0.092)	0.110 J
7/3/2014	ND (0.092)	0.098 J	ND (0.092)	ND (0.092)/ 0.170 J	ND (0.092)
7/10/2014	ND (0.092)	ND (0.092)	ND (0.092)	ND (0.092)	ND (0.092)
7/17/2014	NS[2]	ND (0.092)	0.310 J	ND (0.092)/ND (0.092)	ND (0.092)
7/24/2014	0.410 J	ND (0.092)	0.380 J	0.170 J/ 0.130 J	0.320 J
7/31/2014	ND (0.092)	0.120 J	ND (0.092)	ND (0.092)/ND (0.092)	ND (0.092)
8/6/2014	0.094 J	ND (0.092)	0.180 J	ND (0.092)/ 0.180 J	ND (0.092)
8/14/2014	ND (0.092)	ND (0.092)	ND (0.092)	ND (0.092)/ND (0.092)	0.130 J
8/21/2014	ND (0.092)/ 0.110 J	ND (0.092)	ND (0.092)	ND (0.092)	0.150 J
8/28/2014	0.120 J	ND (0.092)/ 0.230 J	ND (0.092)	ND (0.092)	ND (0.092)
9/4/2014	ND (0.092)/ND (0.092)	ND (0.092)	ND (0.092)	ND (0.092)	ND (0.092)
9/12/2014	0.110 J	0.099 J	ND (0.092)	ND (0.092)/ND (0.092)	ND (0.092)
9/17/2014	ND (0.092)	0.130 J/ 0.100 J	0.140 J	ND (0.092)	ND (0.092)
9/24/2014	ND (0.092)	ND (0.092)/ND (0.092)	ND (0.092)	ND (0.092)	NS[2]
9/30/2014	ND (0.092)	ND (0.092)	ND (0.092)	ND (0.092)/ND (0.092)	NS[2]
10/9/2014	ND (0.092)	ND (0.092)	ND (0.092)	ND (0.092)/ 0.190 J	ND (0.092)
10/16/2014	ND (0.092)	ND (0.092)	ND (0.092)	ND (0.092)/ND (0.092)	ND (0.092)
10/23/2014	ND (0.092)	ND (0.092)	ND (0.092)	ND (0.092)/ND (0.092)	ND (0.092)
10/30/2014	ND (0.092)	ND (0.092)	ND (0.092)	ND (0.092)/ND (0.092)	ND (0.092)
11/6/2014	ND (0.092)/ND (0.092)	ND (0.092)	ND (0.092)	ND (0.092)	ND (0.092)
11/13/2014	ND (0.092)	ND (0.092)	ND (0.092)	ND (0.092)/ND (0.092)	ND (0.092)
11/20/2014	ND (0.092)/ND (0.092)	ND (0.092)	ND (0.092)	ND (0.092)	ND (0.092)
11/26/2014	ND (0.092)/ND (0.092)	ND (0.092)	ND (0.092)	ND (0.092)	ND (0.092)
12/4/2014	ND (0.092)	ND (0.092)	ND (0.092)	ND (0.092)/ND (0.092)	ND (0.092)
12/11/2014	ND (0.092)	ND (0.092)	ND (0.092)	ND (0.092)/ 0.120 J	ND (0.092)
12/17/2014	ND (0.092)	ND (0.092)	ND (0.092)	ND (0.092)/ND (0.092)	ND (0.092)
No. of Detects	**8**	**9**	**5**	**9**	**5**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**0.094**	**0.098**	**0.14**	**0.12**	**0.11**
Median	**0.115**	**0.13**	**0.31**	**0.14**	**0.14**
Maximum	**0.47**	**0.54**	**0.91**	**0.19**	**0.32**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-23
Chloroform

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	ND (0.19)	ND (0.19)	0.830 J	ND (0.19)/ND (0.19)	ND (0.19)
5/15/2014	ND (0.19)/ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)
5/23/2014	0.390 J	ND (0.19)	0.190 J	ND (0.19)/ND (0.19)	ND (0.19)
5/30/2014	0.240 J	0.230 J	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
6/6/2014	0.320 J	0.420 J/ 0.410 J	0.270 J	0.310 J	0.260 J
6/13/2014	ND (0.19)/ND (0.19)	ND (0.19)	ND (0.19)	0.210 J	ND (0.19)
6/18/2014[1]	ND (0.19)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	ND (0.19)	0.320 J	0.210 J	ND (0.19)	ND (0.19)
6/26/2014	0.190 J/ 0.220 J	0.390 J	0.210 J	0.220 J	0.360 J
7/3/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ 0.600 J	ND (0.19)
7/10/2014	0.340 J	0.290 J	0.180 J	0.220 J	0.210 J
7/17/2014	NS[2]	0.520 J	0.780 J	0.220 J/ 0.230 J	0.220 J
7/24/2014	1.5	ND (0.19)	0.660 J	ND (0.19)/ 0.190 J	ND (0.19)
7/31/2014	0.550 J	0.220 J	0.230 J	0.240 J/ 0.250 J	0.200 J
8/6/2014	0.510 J	ND (0.19)	0.200 J	0.310 J/ 0.310 J	ND (0.19)
8/14/2014	0.220 J	0.210 J	0.460 J	0.290 J/ 0.280 J	1
8/21/2014	ND (0.19)/ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)
8/28/2014	0.720 J	0.430 J/ 0.410 J	0.250 J	0.270 J	0.200 J
9/4/2014	ND (0.19)/ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)
9/12/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ 0.190 J	ND (0.19)
9/17/2014	ND (0.19)	0.190 J/ 0.370 J	ND (0.19)	ND (0.19)	ND (0.19)
9/24/2014	ND (0.19)	ND (0.19)/ 0.190 J	ND (0.19)	ND (0.19)	NS[2]
9/30/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	NS[2]
10/9/2014	0.370 J	0.270 J	ND (0.19)	ND (0.19)/ 0.210 J	0.190 J
10/16/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
10/23/2014	ND (0.19)	ND (0.19)	0.430 J	ND (0.19)/ND (0.19)	ND (0.19)
10/30/2014	ND (0.19)	0.190 J	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
11/6/2014	ND (0.19)/ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)
11/13/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
11/20/2014	ND (0.19)/ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)
11/26/2014	ND (0.19)/ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)
12/4/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
12/11/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
12/17/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
No. of Detects	**12**	**16**	**13**	**17**	**8**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**0.19**	**0.19**	**0.18**	**0.19**	**0.19**
Median	**0.355**	**0.305**	**0.25**	**0.24**	**0.215**
Maximum	**1.5**	**0.52**	**0.83**	**0.6**	**1**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-24
Chloromethane

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	1.5	1.6	5	1.400 / 1.700	1.8
5/15/2014	1.400 J/ 1.500 J	U	1.200 J	1.300 J	1.200 J
5/23/2014	2.1	1.3	2	1.400 / 1.200	1.2
5/30/2014	1.5	1.8	2.1	1.900 / 1.500	1.4
6/6/2014	1.6	1.700 / 1.900	1.7	1.7	1.3
6/13/2014	1.300 / 4.500	3.1	1.3	2.7	1.7
6/18/2014[1]	1.1	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	1.3	2.4	1.2	1.4	1.3
6/26/2014	0.930 J/ 1.000	2	1.000 J	1.000 J	1.3
7/3/2014	0.930 J	0.930 J	0.950 J	0.990 J/ 2.000	0.900 J
7/10/2014	1.1	0.860 J	0.870 J	0.890 J	0.900 J
7/17/2014	NS[2]	1.5	2.2	1.700 / 1.300	1.1
7/24/2014	2	1.1	2.1	0.990 J/ 1.000 J	1.7
7/31/2014	1.1	1.5	0.860 J	1.000 / 0.930 J	0.890 J
8/6/2014	1.2	1.2	1.4	1.600 / 1.200	1.9
8/14/2014	1.1	1.3	1.6	1.000 J/ 1.300	1.3
8/21/2014	1.000 J/ 1.100	1.2	1.2	1.1	1.7
8/28/2014	1.6	1.200 / 1.100	1.3	1.1	1.2
9/4/2014	1.300 / 1.200	1.2	1.1	1.2	1
9/12/2014	1.5	1.2	0.840 J	1.000 J/ 0.930 J	1.2
9/17/2014	0.980 J	1.300 / 0.920 J	1.5	1.1	1.4
9/24/2014	1.4	1.100 / 1.200	1.1	0.910 J	NS[2]
9/30/2014	1.2	1.1	1.1	1.200 / 1.300	NS[2]
10/9/2014	1.3	1.000 J	1.4	1.400 / 0.950 J	1.1
10/16/2014	0.990 J	1.1	1.2	1.300 / 0.980 J	0.930 J
10/23/2014	1.5	1.3	1.9	1.600 / 1.300	1.4
10/30/2014	1.3	1.1	1.2	1.300 / 1.300	1.3
11/6/2014	1.100 / 1.200	1.1	1.3	1.1	1.1
11/13/2014	1.2	1.6	1.3	1.500 / 1.300	1.5
11/20/2014	1.900 / 1.600	1.9	1.7	1.3	1.4
11/26/2014	0.920 J/ 1.100	0.960 J	1.000 J	0.990 J	0.930 J
12/4/2014	1.4	2.1	2.1	2.100 / 2.300	2.3
12/11/2014	1.2	1.2	1.1	1.400 / 1.100	1.3
12/17/2014	0.930 J	1.1	1.3	1.400 / 1.100	1.1
No. of Detects	**41**	**36**	**33**	**52**	**31**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**0.92**	**0.86**	**0.84**	**0.89**	**0.89**
Median	**1.2**	**1.2**	**1.3**	**1.3**	**1.3**
Maximum	**4.5**	**3.1**	**5**	**2.7**	**2.3**

Notes:

All concentrations in micrograms per cubic meter (µg/m^3)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-25
cis-1,2-Dichloroethene

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
5/15/2014	ND (0.24)/ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
5/23/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
5/30/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
6/6/2014	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
6/13/2014	ND (0.24)/ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
6/18/2014[1]	ND (0.24)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
6/26/2014	ND (0.24)/ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
7/3/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
7/10/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
7/17/2014	NS[2]	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
7/24/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ 0.410 J	ND (0.24)
7/31/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
8/6/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
8/14/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
8/21/2014	ND (0.24)/ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
8/28/2014	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
9/4/2014	ND (0.24)/ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
9/12/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
9/17/2014	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
9/24/2014	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)	ND (0.24)	NS[2]
9/30/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	NS[2]
10/9/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
10/16/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
10/23/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
10/30/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
11/6/2014	ND (0.24)/ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
11/13/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
11/20/2014	ND (0.24)/ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
11/26/2014	ND (0.24)/ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
12/4/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
12/11/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
12/17/2014	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)/ND (0.24)	ND (0.24)
No. of Detects	**0**	**0**	**0**	**1**	**0**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**NA**	**NA**	**NA**	**0.41**	**NA**
Median	**NA**	**NA**	**NA**	**0.41**	**NA**
Maximum	**NA**	**NA**	**NA**	**0.41**	**NA**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-26
cis-1,3-Dichloropropene

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
5/15/2014	ND (0.34)/ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
5/23/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
5/30/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
6/6/2014	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
6/13/2014	ND (0.34)/ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
6/18/2014[1]	ND (0.34)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
6/26/2014	ND (0.34)/ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
7/3/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
7/10/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
7/17/2014	NS[2]	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
7/24/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
7/31/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
8/6/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
8/14/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
8/21/2014	ND (0.34)/ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
8/28/2014	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
9/4/2014	ND (0.34)/ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
9/12/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
9/17/2014	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
9/24/2014	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)	ND (0.34)	NS[2]
9/30/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	NS[2]
10/9/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
10/16/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
10/23/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
10/30/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
11/6/2014	ND (0.34)/ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
11/13/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
11/20/2014	ND (0.34)/ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
11/26/2014	ND (0.34)/ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
12/4/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
12/11/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
12/17/2014	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)/ND (0.34)	ND (0.34)
No. of Detects	**0**	**0**	**0**	**0**	**0**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**NA**	**NA**	**NA**	**NA**	**NA**
Median	**NA**	**NA**	**NA**	**NA**	**NA**
Maximum	**NA**	**NA**	**NA**	**NA**	**NA**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-27
Dichlorodifluoromethane

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	2.2	2.5	2.7	2.100 / 1.800	2.1
5/15/2014	2.700 / 2.100	2.3	2.4	1.8	1.8
5/23/2014	2.4	2.6	2.7	2.300 / 2.200	2.3
5/30/2014	2.7	2.7	2.6	2.500 / 2.600	2.7
6/6/2014	1.2	1.400 / 1.100	1.3	1.1	0.98
6/13/2014	1.100 / 0.820 J	1	1.3	1.8	0.790 J
6/18/2014[1]	0.810 J	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	0.810 J	0.830 J	0.820 J	1.1	0.930 J
6/26/2014	1.800 / 2.000	2	1.8	1.9	2.1
7/3/2014	1.9	1.8	1.9	1.700 / 2.100	2.1
7/10/2014	2.1	1.8	1.7	1.9	2
7/17/2014	NS[2]	2.6	2.4	2.400 / 2.400	2.4
7/24/2014	2.2	2.2	2.4	2.100 / 2.100	2.1
7/31/2014	3.1	2.2	2.3	2.300 / 2.400	2.3
8/6/2014	2.1	2.1	2.2	2.200 / 2.200	2.5
8/14/2014	2.4	2.6	2.6	2.500 / 2.500	2.3
8/21/2014	2.000 / 2.100	2.3	2	2.1	2.3
8/28/2014	2.8	2.600 / 2.600	2.6	2.7	2.6
9/4/2014	2.600 / 2.600	2.9	2.5	2.6	2.8
9/12/2014	2.4	2.5	2.2	2.400 / 2.300	2.8
9/17/2014	2.2	2.200 / 2.900	2.4	2.4	2.7
9/24/2014	2.6	2.200 / 2.500	2.2	2.2	NS[2]
9/30/2014	2.6	2.3	2.2	2.400 / 2.200	NS[2]
10/9/2014	2.4	2.2	2.2	2.100 / 2.400	2.1
10/16/2014	2.2	2.2	2.5	2.500 / 2.700	2.2
10/23/2014	2.5	2.4	2.4	2.500 / 2.600	2.5
10/30/2014	2.3	2.5	2.3	2.400 / 2.500	2.5
11/6/2014	2.200 / 2.100	2.3	2	2.4	2.1
11/13/2014	2.2	1.9	2.2	2.100 / 2.200	2
11/20/2014	2.100 / 2.000	2.1	2.4	2.2	2.2
11/26/2014	2.000 / 2.100	2	2	1.9	1.9
12/4/2014	2.3	2.5	2.7	2.100 / 2.600	2.1
12/11/2014	2.6	2.5	2.1	2.100 / 2.500	2.5
12/17/2014	2	2.2	2.1	2.300 / 2.400	2.6
No. of Detects	**41**	**37**	**33**	**52**	**31**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**0.81**	**0.83**	**0.82**	**1.1**	**0.79**
Median	**2.2**	**2.3**	**2.2**	**2.3**	**2.2**
Maximum	**3.1**	**2.9**	**2.7**	**2.7**	**2.8**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-28
Ethylbenzene

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	0.390 J	ND (0.3)	ND (0.3)	ND (0.3)/ND (0.3)	ND (0.3)
5/15/2014	ND (0.3)/ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)
5/23/2014	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)/ND (0.3)	ND (0.3)
5/30/2014	0.580 J	ND (0.3)	0.580 J	0.590 J/ 0.400 J	0.770 J
6/6/2014	0.480 J	0.350 J/ 0.330 J	0.320 J	0.410 J	0.330 J
6/13/2014	ND (0.3)/ND (0.3)	ND (0.3)	ND (0.3)	0.300 J	ND (0.3)
6/18/2014[1]	ND (0.3)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	0.400 J	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)
6/26/2014	ND (0.3)/ND (0.3)	0.340 J	0.310 J	ND (0.3)	ND (0.3)
7/3/2014	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)/ND (0.3)	ND (0.3)
7/10/2014	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)
7/17/2014	NS[2]	ND (0.3)	ND (0.3)	ND (0.3)/ND (0.3)	ND (0.3)
7/24/2014	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)/ 0.370 J	ND (0.3)
7/31/2014	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)/ND (0.3)	0.330 J
8/6/2014	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)/ND (0.3)	ND (0.3)
8/14/2014	0.450 J	0.300 J	0.310 J	0.310 J/ 0.330 J	0.350 J
8/21/2014	ND (0.3)/ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)
8/28/2014	0.300 J	ND (0.3)/ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)
9/4/2014	ND (0.3)/ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)
9/12/2014	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)/ND (0.3)	ND (0.3)
9/17/2014	ND (0.3)	ND (0.3)/ 0.310 J	0.340 J	ND (0.3)	0.320 J
9/24/2014	0.390 J	ND (0.3)/ 0.370 J	0.300 J	ND (0.3)	NS[2]
9/30/2014	0.380 J	ND (0.3)	ND (0.3)	ND (0.3)/ 0.300 J	NS[2]
10/9/2014	0.500 J	0.310 J	0.510 J	0.380 J/ 0.410 J	0.600 J
10/16/2014	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)/ 0.320 J	ND (0.3)
10/23/2014	ND (0.3)	0.370 J	ND (0.3)	0.320 J/ND (0.3)	0.370 J
10/30/2014	0.370 J	0.460 J	0.310 J	0.360 J/ 0.310 J	0.440 J
11/6/2014	ND (0.3)/ 0.600 J	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)
11/13/2014	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)/ND (0.3)	ND (0.3)
11/20/2014	ND (0.3)/ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)
11/26/2014	0.420 J/ 0.460 J	0.390 J	0.370 J	0.470 J	0.430 J
12/4/2014	ND (0.3)	ND (0.3)	0.300 J	ND (0.3)/ND (0.3)	ND (0.3)
12/11/2014	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)/ND (0.3)	ND (0.3)
12/17/2014	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)/ND (0.3)	ND (0.3)
No. of Detects	**13**	**10**	**10**	**15**	**9**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**0.3**	**0.3**	**0.3**	**0.3**	**0.32**
Median	**0.42**	**0.345**	**0.315**	**0.36**	**0.37**
Maximum	**0.6**	**0.46**	**0.58**	**0.59**	**0.77**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-29
Hexachlorobutadiene

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)/ND (0.83)	ND (0.83)
5/15/2014	ND (0.83)/ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)	1.100 J
5/23/2014	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)/ND (0.83)	ND (0.83)
5/30/2014	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)/ND (0.83)	ND (0.83)
6/6/2014	ND (0.83)	ND (0.83)/ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)
6/13/2014	ND (0.83)/ND (0.83)	1.100 J	ND (0.83)	ND (0.83)	ND (0.83)
6/18/2014[1]	ND (0.83)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)
6/26/2014	ND (0.83)/ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)
7/3/2014	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)/ND (0.83)	ND (0.83)
7/10/2014	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)
7/17/2014	NS[2]	ND (0.83)	ND (0.83)	ND (0.83)/ND (0.83)	ND (0.83)
7/24/2014	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)/ND (0.83)	ND (0.83)
7/31/2014	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)/ND (0.83)	ND (0.83)
8/6/2014	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)/ND (0.83)	ND (0.83)
8/14/2014	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)/ND (0.83)	ND (0.83)
8/21/2014	ND (0.83)/ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)
8/28/2014	ND (0.83)	ND (0.83)/ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)
9/4/2014	ND (0.83)/ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)
9/12/2014	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)/ND (0.83)	ND (0.83)
9/17/2014	ND (0.83)	ND (0.83)/ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)
9/24/2014	ND (0.83)	ND (0.83)/ND (0.83)	ND (0.83)	ND (0.83)	NS[2]
9/30/2014	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)/ND (0.83)	NS[2]
10/9/2014	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)/ND (0.83)	ND (0.83)
10/16/2014	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)/ND (0.83)	ND (0.83)
10/23/2014	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)/ND (0.83)	ND (0.83)
10/30/2014	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)/ND (0.83)	ND (0.83)
11/6/2014	ND (0.83)/ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)
11/13/2014	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)/ND (0.83)	ND (0.83)
11/20/2014	ND (0.83)/ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)
11/26/2014	ND (0.83)/ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)
12/4/2014	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)/ND (0.83)	ND (0.83)
12/11/2014	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)/ND (0.83)	ND (0.83)
12/17/2014	ND (0.83)	ND (0.83)	ND (0.83)	ND (0.83)/ND (0.83)	ND (0.83)
No. of Detects	**0**	**1**	**0**	**0**	**1**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**NA**	**1.1**	**NA**	**NA**	**1.1**
Median	**NA**	**1.1**	**NA**	**NA**	**1.1**
Maximum	**NA**	**1.1**	**NA**	**NA**	**1.1**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-30
m&p-Xylene

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	1.3	0.530 J	ND (0.52)	ND (0.52)/ 1.000	0.770 J
5/15/2014	ND (0.52)/ 0.720 J	ND (0.52)	ND (0.52)	ND (0.52)	ND (0.52)
5/23/2014	ND (0.52)	ND (0.52)	0.540 J	ND (0.52)/ND (0.52)	ND (0.52)
5/30/2014	1.7	ND (0.52)	1.7	1.800 / 1.200	2.3
6/6/2014	1.5	1.100 / 0.980	0.91	1.2	0.98
6/13/2014	ND (0.52)/ND (0.52)	ND (0.52)	ND (0.52)	0.670 J	ND (0.52)
6/18/2014[1]	0.740 J	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	1.5	ND (0.52)	ND (0.52)	ND (0.52)	ND (0.52)
6/26/2014	ND (0.52)/ 0.910	1	0.95	0.820 J	0.91
7/3/2014	ND (0.52)	ND (0.52)	ND (0.52)	ND (0.52)/ND (0.52)	ND (0.52)
7/10/2014	0.520 J	ND (0.52)	ND (0.52)	0.680 J	0.590 J
7/17/2014	NS[2]	0.540 J	0.710 J	0.720 J/ 0.630 J	0.760 J
7/24/2014	ND (0.52)	ND (0.52)	ND (0.52)	ND (0.52)/ 0.820 J	ND (0.52)
7/31/2014	0.530 J	0.540 J	0.580 J	ND (0.52)/ 0.700 J	0.790 J
8/6/2014	ND (0.52)	ND (0.52)	ND (0.52)	ND (0.52)/ND (0.52)	0.680 J
8/14/2014	1.5	0.98	0.91	0.890 / 0.950	1.1
8/21/2014	0.560 J/ 0.640 J	ND (0.52)	ND (0.52)	ND (0.52)	ND (0.52)
8/28/2014	0.94	0.810 J/ 0.840 J	0.820 J	0.88	0.790 J
9/4/2014	ND (0.52)/ND (0.52)	0.89	ND (0.52)	0.690 J	ND (0.52)
9/12/2014	ND (0.52)	ND (0.52)	ND (0.52)	ND (0.52)/ND (0.52)	ND (0.52)
9/17/2014	0.820 J	ND (0.52)/ 0.870	1	0.760 J	0.94
9/24/2014	1.1	0.880 / 1.100	0.91	ND (0.52)	NS[2]
9/30/2014	1.2	ND (0.52)	0.87	0.800 J/ 0.750 J	NS[2]
10/9/2014	1.5	0.94	1.8	1.300 / 1.200	1.9
10/16/2014	ND (0.52)	0.710 J	0.740 J	1.000 / 0.580 J	0.560 J
10/23/2014	ND (0.52)	1.2	0.850 J	0.900 / 0.990	1.2
10/30/2014	1.2	1.4	0.94	1.100 / 0.960	1.4
11/6/2014	ND (0.52)/ 1.700	ND (0.52)	ND (0.52)	ND (0.52)	ND (0.52)
11/13/2014	ND (0.52)	ND (0.52)	ND (0.52)	ND (0.52)/ND (0.52)	ND (0.52)
11/20/2014	ND (0.52)/ND (0.52)	ND (0.52)	ND (0.52)	ND (0.52)	ND (0.52)
11/26/2014	1.200 / 1.300	1.2	1	1.3	1.3
12/4/2014	ND (0.52)	ND (0.52)	0.690 J	ND (0.52)/ND (0.52)	ND (0.52)
12/11/2014	0.760 J	ND (0.52)	ND (0.52)	ND (0.52)/ND (0.52)	ND (0.52)
12/17/2014	ND (0.52)	ND (0.52)	ND (0.52)	ND (0.52)/ND (0.52)	ND (0.52)
No. of Detects	**22**	**18**	**17**	**27**	**16**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**0.52**	**0.53**	**0.54**	**0.58**	**0.56**
Median	**1.15**	**0.915**	**0.91**	**0.89**	**0.925**
Maximum	**1.7**	**1.4**	**1.8**	**1.8**	**2.3**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-31
Methylene Chloride

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	0.910 J	4.5	1.300 J	0.770 J/ 0.950 J	1.9
5/15/2014	1.900 J/U	U	U	U	2.000 J
5/23/2014	UB	UB	UB	UB/UB	UB
5/30/2014	1.600 J	1.100 J	0.750 J	0.760 J/ 0.740 J	0.910 J
6/6/2014	1.9	1.200 J/ 1.200 J	0.980 J	1.200 J	1.200 J
6/13/2014	2.100 / 0.580 J	0.970 J	0.520 J	1.9	0.570 J
6/18/2014[1]	0.830 J	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	0.770 J	5.1	0.460 J	0.660 J	0.660 J
6/26/2014	0.920 J/ 0.910 J	2.5	0.670 J	0.790 J	0.650 J
7/3/2014	1.100 J	0.660 J	0.660 J	0.610 J/ 0.620 J	1.400 J
7/10/2014	U	U	U	U	U
7/17/2014	NS[2]	2.100 B	2.200 B	1.900 B/ 2.500 B	UB
7/24/2014	U	U	U	1.500 J/U	U
7/31/2014	2.200 J	UB	UB	2.100 J/ 1.900 J	UB
8/6/2014	2.100 J	UB	UB	UB/UB	UB
8/14/2014	UB	2.700 J	4.700 J	2.600 J/ 2.300 J	1.900 J
8/21/2014	UB/ 2.000 J	UB	UB	UB	UB
8/28/2014	UB	UB/ 1.900 J	UB	UB	2.200 J
9/4/2014	U/U	7.6	U	2.000 J+	U
9/12/2014	U	U	U	U/U	U
9/17/2014	UB	UB/UB	2.400 J	UB	UB
9/24/2014	UB	UB/UB	UB	UB	NS[2]
9/30/2014	UB	UB	UB	UB/UB	NS[2]
10/9/2014	2.500 J+	U	U	U/U	U
10/16/2014	UB	5.300 J	UB	2.500 J/UB	UB
10/23/2014	1.800 J	14.000 B	1.900 J	UB/ 2.900 J	2.400 J
10/30/2014	2.000 J	5.500 J	UB	UB/UB	UB
11/6/2014	UB/ 3.100 J	5.100 J	UB	UB	1.700 J
11/13/2014	1.900 J	UB	UB	UB/UB	UB
11/20/2014	3.100 J/ 2.800 J	2.400 J	4.000 J	3.500 J	3.300 J
11/26/2014	2.300 J/ 4.200 J	2.600 J	3.200 J	6.000 B	3.000 J
12/4/2014	UB	UB	2.500 J	UB/UB	UB
12/11/2014	2.300 J	UB	UB	UB/UB	4.200 J
12/17/2014	UB	7.600 J	1.900 B	UB/ 2.300 J	UB
No. of Detects	**24**	**19**	**15**	**23**	**15**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**0.58**	**0.66**	**0.46**	**0.61**	**0.57**
Median	**1.95**	**2.6**	**1.9**	**1.9**	**1.9**
Maximum	**4.2**	**14**	**4.7**	**6**	**4.2**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-32
o-Xylene

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	0.350 J	ND (0.26)	ND (0.26)	ND (0.26)/ 0.490 J	ND (0.26)
5/15/2014	ND (0.26)/ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)
5/23/2014	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)/ND (0.26)	ND (0.26)
5/30/2014	0.630 J	ND (0.26)	0.620 J	0.630 J/ 0.430 J	0.780 J
6/6/2014	0.530 J	0.390 J/ 0.340 J	0.350 J	0.440 J	0.360 J
6/13/2014	ND (0.26)/ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)
6/18/2014[1]	ND (0.26)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	0.310 J	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)
6/26/2014	ND (0.26)/ 0.330 J	0.340 J	0.360 J	0.270 J	0.280 J
7/3/2014	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)/ND (0.26)	ND (0.26)
7/10/2014	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)
7/17/2014	NS[2]	ND (0.26)	ND (0.26)	ND (0.26)/ 0.260 J	ND (0.26)
7/24/2014	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)/ND (0.26)	ND (0.26)
7/31/2014	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)/ND (0.26)	0.280 J
8/6/2014	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)/ND (0.26)	ND (0.26)
8/14/2014	0.550 J	0.330 J	0.320 J	0.320 J/ 0.350 J	0.380 J
8/21/2014	ND (0.26)/ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)
8/28/2014	0.340 J	0.300 J/ 0.300 J	0.310 J	0.290 J	0.300 J
9/4/2014	ND (0.26)/ND (0.26)	0.340 J	ND (0.26)	0.280 J	ND (0.26)
9/12/2014	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)/ND (0.26)	ND (0.26)
9/17/2014	0.300 J	ND (0.26)/ 0.330 J	0.360 J	0.270 J	0.320 J
9/24/2014	0.390 J	0.320 J/ 0.430 J	0.370 J	ND (0.26)	NS[2]
9/30/2014	0.440 J	ND (0.26)	0.320 J	0.360 J/ 0.270 J	NS[2]
10/9/2014	0.530 J	0.350 J	0.670 J	0.440 J/ 0.490 J	0.630 J
10/16/2014	ND (0.26)	0.260 J	ND (0.26)	0.390 J/ND (0.26)	ND (0.26)
10/23/2014	ND (0.26)	0.370 J	0.310 J	0.330 J/ 0.350 J	0.430 J
10/30/2014	0.410 J	0.480 J	0.330 J	0.390 J/ 0.370 J	0.500 J
11/6/2014	ND (0.26)/ 0.640 J	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)
11/13/2014	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)/ND (0.26)	ND (0.26)
11/20/2014	ND (0.26)/ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)
11/26/2014	0.450 J/ 0.470 J	0.440 J	0.380 J	0.500 J	0.450 J
12/4/2014	ND (0.26)	ND (0.26)	0.320 J	0.280 J/ND (0.26)	ND (0.26)
12/11/2014	0.280 J	ND (0.26)	ND (0.26)	ND (0.26)/ND (0.26)	ND (0.26)
12/17/2014	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)/ND (0.26)	ND (0.26)
No. of Detects	**16**	**15**	**13**	**22**	**11**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**0.28**	**0.26**	**0.31**	**0.26**	**0.28**
Median	**0.425**	**0.34**	**0.35**	**0.355**	**0.38**
Maximum	**0.64**	**0.48**	**0.67**	**0.63**	**0.78**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-33
Styrene

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)/ND (0.25)	ND (0.25)
5/15/2014	ND (0.25)/ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
5/23/2014	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)/ND (0.25)	ND (0.25)
5/30/2014	0.270 J	ND (0.25)	0.290 J	0.480 J/ 0.410 J	0.270 J
6/6/2014	0.590 J	ND (0.25)/ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
6/13/2014	ND (0.25)/ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
6/18/2014[1]	ND (0.25)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	0.250 J	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
6/26/2014	ND (0.25)/ 0.420 J	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
7/3/2014	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)/ND (0.25)	ND (0.25)
7/10/2014	0.300 J	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
7/17/2014	NS[2]	ND (0.25)	ND (0.25)	ND (0.25)/ND (0.25)	ND (0.25)
7/24/2014	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)/ND (0.25)	ND (0.25)
7/31/2014	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)/ND (0.25)	0.550 J
8/6/2014	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)/ND (0.25)	ND (0.25)
8/14/2014	0.370 J	ND (0.25)	ND (0.25)	ND (0.25)/ND (0.25)	ND (0.25)
8/21/2014	ND (0.25)/ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
8/28/2014	ND (0.25)	ND (0.25)/ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
9/4/2014	ND (0.25)/ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
9/12/2014	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)/ND (0.25)	ND (0.25)
9/17/2014	0.330 J	ND (0.25)/ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
9/24/2014	ND (0.25)	ND (0.25)/ND (0.25)	ND (0.25)	ND (0.25)	NS[2]
9/30/2014	3.5	ND (0.25)	ND (0.25)	ND (0.25)/ND (0.25)	NS[2]
10/9/2014	0.600 J	ND (0.25)	ND (0.25)	ND (0.25)/ND (0.25)	ND (0.25)
10/16/2014	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)/ND (0.25)	ND (0.25)
10/23/2014	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)/ND (0.25)	ND (0.25)
10/30/2014	0.89	ND (0.25)	ND (0.25)	ND (0.25)/ND (0.25)	ND (0.25)
11/6/2014	ND (0.25)/ 0.390 J	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
11/13/2014	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)/ND (0.25)	ND (0.25)
11/20/2014	ND (0.25)/ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
11/26/2014	0.430 J/ 0.470 J	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
12/4/2014	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)/ND (0.25)	ND (0.25)
12/11/2014	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)/ND (0.25)	ND (0.25)
12/17/2014	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)/ND (0.25)	ND (0.25)
No. of Detects	**13**	**0**	**1**	**2**	**2**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**0.25**	**NA**	**0.29**	**0.41**	**0.27**
Median	**0.42**	**NA**	**0.29**	**0.445**	**0.41**
Maximum	**3.5**	**NA**	**0.29**	**0.48**	**0.55**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-34
Tetrachloroethene

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)/ND (0.27)	ND (0.27)
5/15/2014	ND (0.27)/ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
5/23/2014	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)/ 0.540 J	ND (0.27)
5/30/2014	U	86	ND (0.27)	ND (0.27)/ND (0.27)	ND (0.27)
6/6/2014	0.440 J	ND (0.27)/ND (0.27)	0.310 J	0.360 J	ND (0.27)
6/13/2014	ND (0.27)/ND (0.27)	ND (0.27)	ND (0.27)	0.570 J	19
6/18/2014[1]	ND (0.27)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	ND (0.27)	1.7	ND (0.27)	ND (0.27)	ND (0.27)
6/26/2014	0.320 J/ 0.340 J	ND (0.27)	ND (0.27)	ND (0.27)	2
7/3/2014	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)/ND (0.27)	ND (0.27)
7/10/2014	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
7/17/2014	NS[2]	ND (0.27)	ND (0.27)	ND (0.27)/ND (0.27)	ND (0.27)
7/24/2014	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)/ND (0.27)	ND (0.27)
7/31/2014	0.450 J	ND (0.27)	ND (0.27)	ND (0.27)/ND (0.27)	ND (0.27)
8/6/2014	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)/ND (0.27)	ND (0.27)
8/14/2014	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)/ND (0.27)	ND (0.27)
8/21/2014	ND (0.27)/ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
8/28/2014	ND (0.27)	ND (0.27)/ 3.300	ND (0.27)	ND (0.27)	ND (0.27)
9/4/2014	ND (0.27)/ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	0.380 J
9/12/2014	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)/ND (0.27)	ND (0.27)
9/17/2014	ND (0.27)	ND (0.27)/ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
9/24/2014	ND (0.27)	ND (0.27)/ND (0.27)	ND (0.27)	ND (0.27)	NS[2]
9/30/2014	0.450 J	ND (0.27)	ND (0.27)	ND (0.27)/ND (0.27)	NS[2]
10/9/2014	0.320 J	ND (0.27)	0.280 J	ND (0.27)/ 0.770 J	ND (0.27)
10/16/2014	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)/ND (0.27)	ND (0.27)
10/23/2014	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)/ND (0.27)	0.390 J
10/30/2014	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)/ND (0.27)	ND (0.27)
11/6/2014	ND (0.27)/ 0.330 J	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
11/13/2014	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)/ND (0.27)	ND (0.27)
11/20/2014	ND (0.27)/ND (0.27)	0.510 J	ND (0.27)	ND (0.27)	ND (0.27)
11/26/2014	0.320 J/ 0.300 J	ND (0.27)	ND (0.27)	ND (0.27)	0.270 J
12/4/2014	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)/ND (0.27)	ND (0.27)
12/11/2014	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)/ND (0.27)	ND (0.27)
12/17/2014	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)/ND (0.27)	ND (0.27)
No. of Detects	**9**	**4**	**2**	**4**	**5**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**0.3**	**0.51**	**0.28**	**0.36**	**0.27**
Median	**0.33**	**2.5**	**0.295**	**0.555**	**0.39**
Maximum	**0.45**	**86**	**0.31**	**0.77**	**19**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-35
Toluene

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	0.85	0.79	1.1	1.100 / 0.800	1.3
5/15/2014	2.300 / 0.870	0.78	0.88	0.610 J	1.4
5/23/2014	0.83	1.4	1.7	0.950 / 0.800	1
5/30/2014	4	2	3.2	3.000 / 2.900	5.4
6/6/2014	3.6	2.000 / 1.900	2.1	2.9	2.7
6/13/2014	ND (0.45)/ 0.800	1.1	ND (0.45)	0.97	15
6/18/2014[1]	5.200 J	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	6.100 J	9.800 J	U	U	U
6/26/2014	3.100 / 2.300	3.1	1.6	1.9	2.1
7/3/2014	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)/ND (0.45)	17
7/10/2014	0.710 J	0.710 J	0.690 J	0.96	1.9
7/17/2014	NS[2]	1.6	2	1.600 / 1.700	2.2
7/24/2014	ND (0.45)	0.730 J	ND (0.45)	ND (0.45)/ 0.480 J	0.99
7/31/2014	0.85	1.2	1	ND (0.45)/ 1.200	1.4
8/6/2014	0.75	1.3	0.89	0.950 / 0.990	1.4
8/14/2014	1.7	2.1	2.4	2.100 / 2.000	3
8/21/2014	0.810 / 0.950	2.8	0.630 J	0.84	0.8
8/28/2014	1.4	1.800 / 1.700	1.3	1.3	1.6
9/4/2014	ND (0.45)/ 0.750	0.92	0.680 J	1.2	ND (0.45)
9/12/2014	ND (0.45)	0.79	ND (0.45)	ND (0.45)/ND (0.45)	0.84
9/17/2014	1.5	2.100 / 6.900	2.4	1.7	1.6
9/24/2014	4.5	1.900 / 2.300	1.8	0.93	NS[2]
9/30/2014	2.4	0.92	1.8	3.400 / 3.400	NS[2]
10/9/2014	6.7	2.3	2.7	2.100 / 2.400	2.8
10/16/2014	0.97	1.3	1.4	1.700 / 1.200	0.99
10/23/2014	ND (0.45)	2	1.4	1.500 / 1.700	2.7
10/30/2014	2.5	2.8	1.9	2.100 / 1.900	3.4
11/6/2014	0.710 J/ 3.700	0.87	0.8	0.84	0.85
11/13/2014	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)/ND (0.45)	ND (0.45)
11/20/2014	0.620 J/ 0.670 J	ND (0.45)	0.96	0.510 J	0.590 J
11/26/2014	2.500 / 2.700	2.4	2	3	2.8
12/4/2014	1	0.96	2	0.790 / 0.860	0.95
12/11/2014	15	0.8	0.520 J	0.470 J/ 0.480 J	2.4
12/17/2014	ND (0.45)	1.6	0.570 J	ND (0.45)/ 1.400	ND (0.45)
No. of Detects	**33**	**34**	**27**	**42**	**27**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**0.62**	**0.71**	**0.52**	**0.47**	**0.59**
Median	**1.5**	**1.65**	**1.4**	**1.25**	**1.6**
Maximum	**15**	**9.8**	**3.2**	**3.4**	**17**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-36
trans-1,3-Dichloropropene

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
5/15/2014	ND (0.22)/ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
5/23/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
5/30/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
6/6/2014	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
6/13/2014	ND (0.22)/ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
6/18/2014[1]	ND (0.22)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
6/26/2014	ND (0.22)/ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
7/3/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
7/10/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
7/17/2014	NS[2]	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
7/24/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
7/31/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
8/6/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
8/14/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
8/21/2014	ND (0.22)/ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
8/28/2014	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
9/4/2014	ND (0.22)/ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
9/12/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
9/17/2014	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
9/24/2014	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)	ND (0.22)	NS[2]
9/30/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	NS[2]
10/9/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
10/16/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
10/23/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
10/30/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
11/6/2014	ND (0.22)/ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
11/13/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
11/20/2014	ND (0.22)/ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
11/26/2014	ND (0.22)/ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
12/4/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
12/11/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
12/17/2014	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)/ND (0.22)	ND (0.22)
No. of Detects	**0**	**0**	**0**	**0**	**0**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**NA**	**NA**	**NA**	**NA**	**NA**
Median	**NA**	**NA**	**NA**	**NA**	**NA**
Maximum	**NA**	**NA**	**NA**	**NA**	**NA**

Notes:

All concentrations in micrograms per cubic meter (µg/m^3)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-37
Trichloroethene

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
5/15/2014	ND (0.19)/ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)
5/23/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
5/30/2014	ND (0.19)	0.330 J	ND (0.19)	ND (0.19)/ND (0.19)	0.220 J
6/6/2014	ND (0.19)	0.590 J/ 0.600 J	ND (0.19)	ND (0.19)	ND (0.19)
6/13/2014	ND (0.19)/ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	0.240 J
6/18/2014[1]	ND (0.19)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	ND (0.19)	0.440 J	ND (0.19)	ND (0.19)	ND (0.19)
6/26/2014	ND (0.19)/ND (0.19)	0.500 J	ND (0.19)	ND (0.19)	0.290 J
7/3/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
7/10/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)
7/17/2014	NS[2]	0.330 J	0.440 J	ND (0.19)/ND (0.19)	0.240 J
7/24/2014	ND (0.19)	U	ND (0.19)	1.600 J/ 2.100 J	ND (0.19)
7/31/2014	ND (0.19)	0.220 J	ND (0.19)	ND (0.19)/ND (0.19)	0.270 J
8/6/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
8/14/2014	ND (0.19)	1.8	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
8/21/2014	ND (0.19)/ND (0.19)	0.650 J	ND (0.19)	ND (0.19)	ND (0.19)
8/28/2014	0.390 J	0.200 J/ 0.200 J	ND (0.19)	ND (0.19)	1.6
9/4/2014	ND (0.19)/ND (0.19)	0.270 J	ND (0.19)	ND (0.19)	ND (0.19)
9/12/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
9/17/2014	0.210 J	ND (0.19)/ND (0.19)	ND (0.19)	ND (0.19)	0.440 J
9/24/2014	0.370 J	0.360 J/ 0.330 J	ND (0.19)	ND (0.19)	NS[2]
9/30/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	NS[2]
10/9/2014	0.300 J	ND (0.19)	0.350 J	0.540 J/ 0.430 J	0.690 J
10/16/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	1.7
10/23/2014	ND (0.19)	0.490 J	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
10/30/2014	ND (0.19)	0.210 J	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
11/6/2014	ND (0.19)/ND (0.19)	0.230 J	ND (0.19)	ND (0.19)	ND (0.19)
11/13/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
11/20/2014	ND (0.19)/ND (0.19)	ND (0.19)	1.3	ND (0.19)	ND (0.19)
11/26/2014	ND (0.19)/ND (0.19)	0.300 J	ND (0.19)	ND (0.19)	ND (0.19)
12/4/2014	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	0.290 J
12/11/2014	0.250 J	ND (0.19)	ND (0.19)	ND (0.19)/ND (0.19)	ND (0.19)
12/17/2014	ND (0.19)	ND (0.19)	ND (0.19)	0.210 J/ND (0.19)	ND (0.19)
No. of Detects	**5**	**18**	**3**	**5**	**10**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**0.21**	**0.2**	**0.35**	**0.21**	**0.22**
Median	**0.3**	**0.33**	**0.44**	**0.54**	**0.29**
Maximum	**0.39**	**1.8**	**1.3**	**2.1**	**1.7**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-38
Trichlorofluoromethane

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	1.3	1.3	1.3	1.100 / 1.400	1.5
5/15/2014	1.400 / 1.400	1.4	1.5	1.7	1.5
5/23/2014	1.300 J	1.300 B	1.400 B	1.200 J/ 1.200 J	1.200 J
5/30/2014	1.5	1.4	1.4	1.400 / 1.400	1.6
6/6/2014	2	1.600 / 1.700	1.7	1.8	1.3
6/13/2014	1.400 / 0.910 J	1.2	0.970 J	2.3	1.100 J
6/18/2014[1]	1.5	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	1.4	1.4	1.2	2	1.4
6/26/2014	1.400 / 1.600	1.4	1.000 J	1.4	1.2
7/3/2014	1.1	1.100 J	1.100 J	1.100 / 0.970 J	1.2
7/10/2014	1.3	1.000 J	1.100 J	1.1	1.100 J
7/17/2014	NS[2]	1.4	1.5	1.700 / 1.700	1.4
7/24/2014	1.2	1.2	1.3	1.200 / 1.100	1.1
7/31/2014	1.6	1.2	1.4	1.500 / 1.600	1.3
8/6/2014	1.2	1.1	1.2	1.200 / 1.200	1.3
8/14/2014	1.6	1.5	2.2	2.100 / 2.200	1.3
8/21/2014	1.200 / 1.400	1.3	1.2	1.3	1.3
8/28/2014	1.7	1.500 / 1.500	1.5	1.4	1.7
9/4/2014	2.100 / 1.900	2	1.7	1.9	1.6
9/12/2014	1.2	1.3	1.2	1.300 / 1.200	1.5
9/17/2014	1.2	1.700 / 1.100	1.6	1.3	1.6
9/24/2014	1.5	1.200 / 1.300	1.1	1.2	NS[2]
9/30/2014	1.6	1.2	1.3	1.300 / 1.600	NS[2]
10/9/2014	1.4	1.1	1.2	1.100 J/ 1.300	1.1
10/16/2014	1.5	1.1	1.6	2.000 / 2.100	1.2
10/23/2014	1.5	1.4	1.2	1.300 / 1.600	1.5
10/30/2014	1.4	1.8	1.2	1.800 / 1.800	1.3
11/6/2014	1.200 / 1.100	1.2	1.1	1.3	1.100 J
11/13/2014	1.1	1.000 J	0.980 J	1.100 / 0.960 J	1.000 J
11/20/2014	1.100 J/ 1.000 J	1.100 J	1.4	1.2	1.000 J
11/26/2014	1.100 / 1.200	1.100 J	1.2	1.1	1.100 J
12/4/2014	1.2	1.3	1.4	1.100 / 1.400	1.2
12/11/2014	1.6	1.4	1.3	1.300 / 1.400	1.4
12/17/2014	1.100 J	1.3	1.3	1.200 / 1.300	1.4
No. of Detects	**41**	**37**	**33**	**52**	**31**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**0.91**	**1**	**0.97**	**0.96**	**1**
Median	**1.4**	**1.3**	**1.3**	**1.3**	**1.3**
Maximum	**2.1**	**2**	**2.2**	**2.3**	**1.7**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

Table B-39
Vinyl chloride

Date Collected	Station 1	Station 2	Station 3	Station 4	Station 5
5/8/2014	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)/ND (0.18)	ND (0.18)
5/15/2014	ND (0.18)/ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
5/23/2014	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)/ND (0.18)	ND (0.18)
5/30/2014	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)/ND (0.18)	ND (0.18)
6/6/2014	ND (0.18)	ND (0.18)/ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
6/13/2014	ND (0.18)/ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
6/18/2014[1]	ND (0.18)	NS[1]	NS[1]	NS[1]	NS[1]
6/19/2014	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
6/26/2014	ND (0.18)/ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
7/3/2014	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)/ND (0.18)	ND (0.18)
7/10/2014	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
7/17/2014	NS[2]	ND (0.18)	ND (0.18)	ND (0.18)/ND (0.18)	ND (0.18)
7/24/2014	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)/ND (0.18)	ND (0.18)
7/31/2014	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)/ND (0.18)	ND (0.18)
8/6/2014	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)/ND (0.18)	ND (0.18)
8/14/2014	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)/ND (0.18)	ND (0.18)
8/21/2014	ND (0.18)/ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
8/28/2014	ND (0.18)	ND (0.18)/ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
9/4/2014	ND (0.18)/ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
9/12/2014	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)/ND (0.18)	ND (0.18)
9/17/2014	ND (0.18)	ND (0.18)/ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
9/24/2014	ND (0.18)	ND (0.18)/ND (0.18)	ND (0.18)	ND (0.18)	NS[2]
9/30/2014	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)/ND (0.18)	NS[2]
10/9/2014	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)/ND (0.18)	ND (0.18)
10/16/2014	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)/ND (0.18)	ND (0.18)
10/23/2014	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)/ND (0.18)	ND (0.18)
10/30/2014	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)/ND (0.18)	ND (0.18)
11/6/2014	ND (0.18)/ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
11/13/2014	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)/ND (0.18)	ND (0.18)
11/20/2014	ND (0.18)/ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
11/26/2014	ND (0.18)/ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
12/4/2014	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)/ND (0.18)	ND (0.18)
12/11/2014	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)/ND (0.18)	ND (0.18)
12/17/2014	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)/ND (0.18)	ND (0.18)
No. of Detects	**0**	**0**	**0**	**0**	**0**
No. of Samples	**41**	**37**	**33**	**52**	**31**
Minimum	**NA**	**NA**	**NA**	**NA**	**NA**
Median	**NA**	**NA**	**NA**	**NA**	**NA**
Maximum	**NA**	**NA**	**NA**	**NA**	**NA**

Notes:

All concentrations in micrograms per cubic meter ($\mu g/m^3$)

B	laboratory flag indicating the analyte was detected in the laboratory method blank
J	laboratory flag indicating an estimated result less than reporting limit
J+	laboratory flag indicating an estimated result less than reporting limit and likely biased high
NA	not applicable
ND ( )	not detected (method detection limit)
NS	no sample
UB	indicates a sample flagged by the data validator as not meeting data quality objectives; result is considered a non-detect

[1] Equipment failure resulted in a Station 1 sample with a truncated sampling duration (approximately 6.6 hours). This sample was collected on 6/18/2014 and is reported; a second sample was started and collected on 6/19/2014.

[2] A valid sample could not be collected due to a malfunctioning air flow regulator.

APPENDIX C

PLOTS OF VOC RESULTS

Exhibit C−1
1,1−Dichloroethane

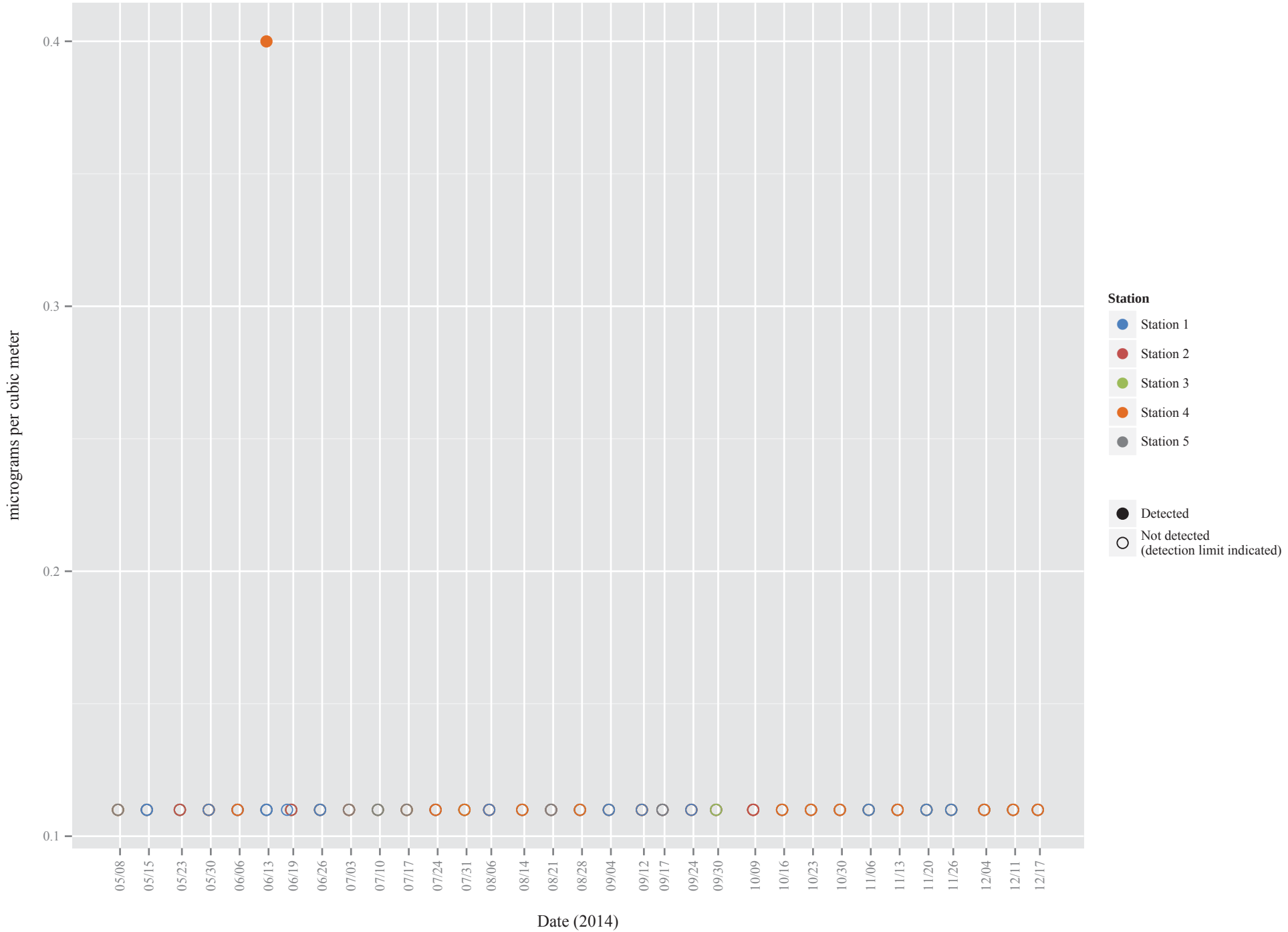


Exhibit C−2
1,1−Dichloroethene

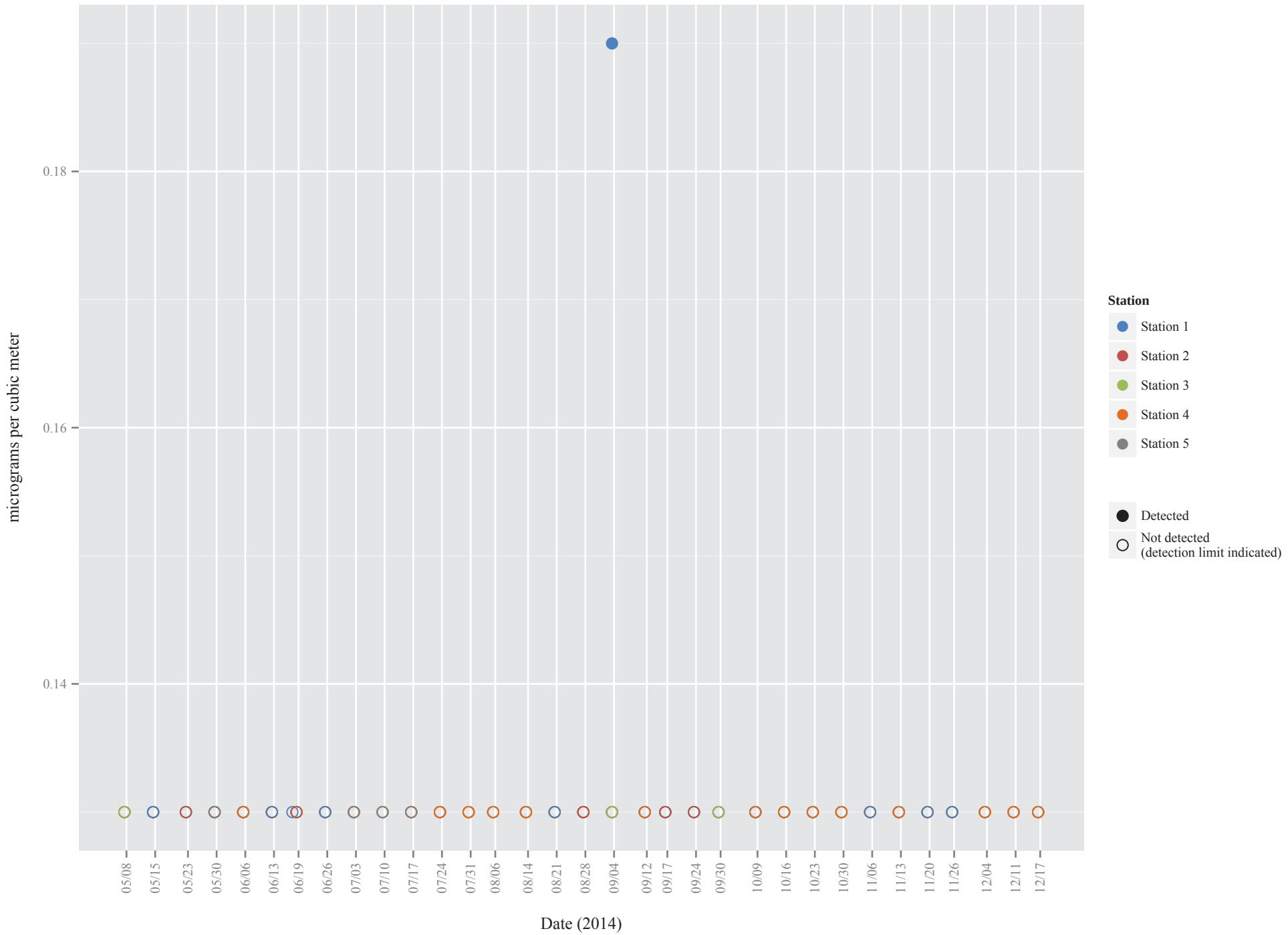


Exhibit C−3
1,1,1−Trichloroethane

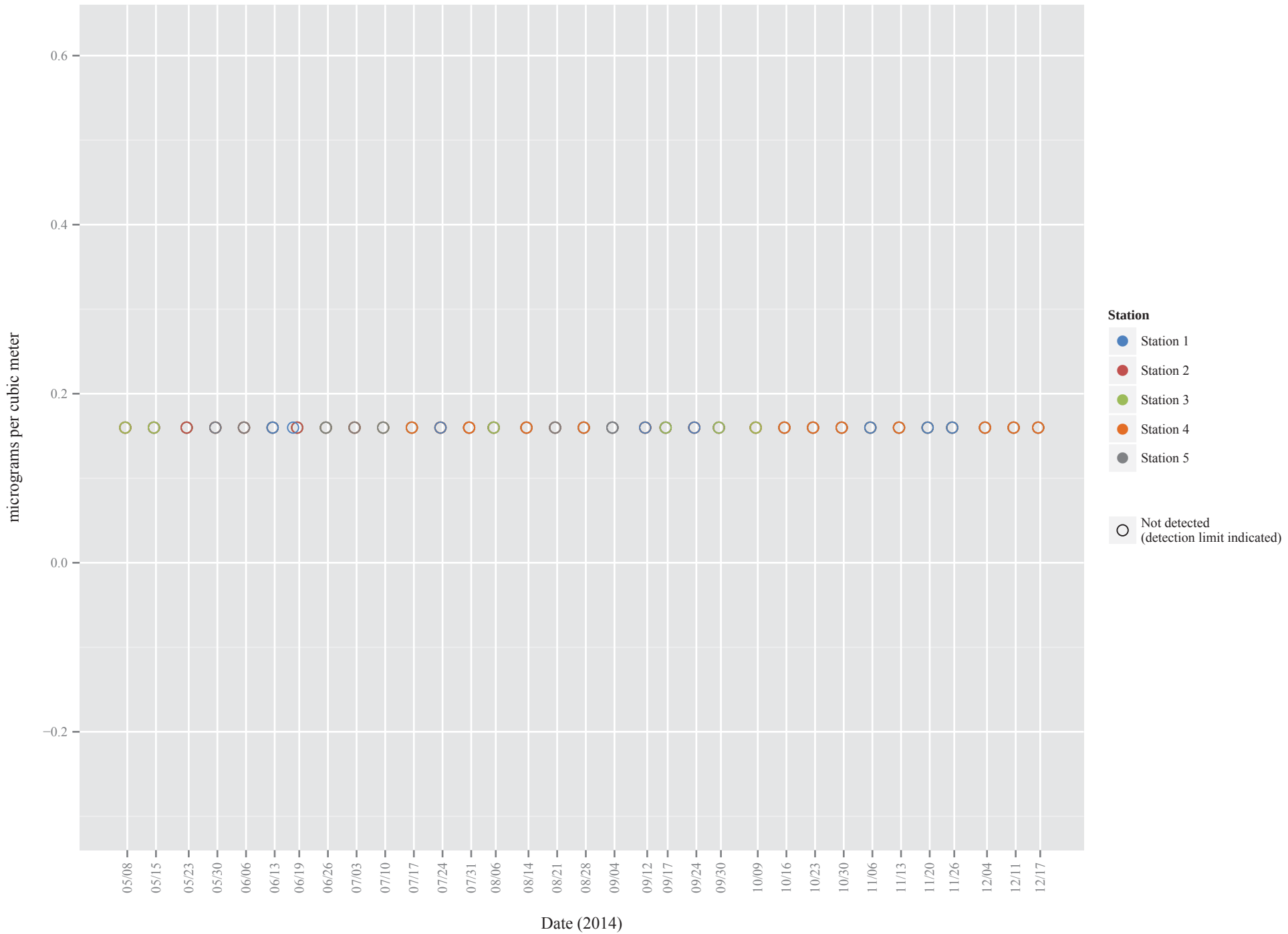


Exhibit C−4
1,1,2−Trichloro−1,2,2−trifluoroethane

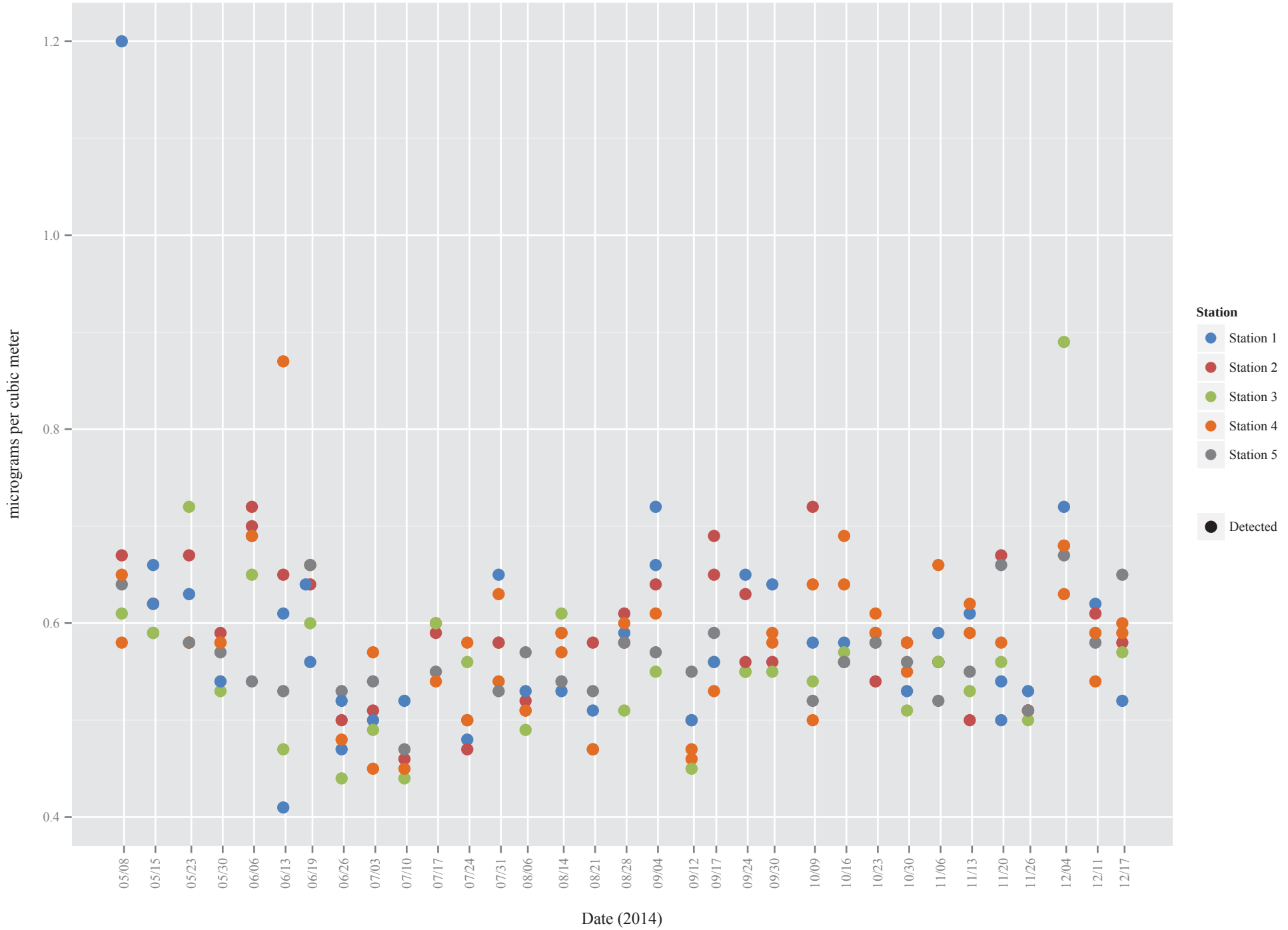


Exhibit C−5
1,1,2−Trichloroethane

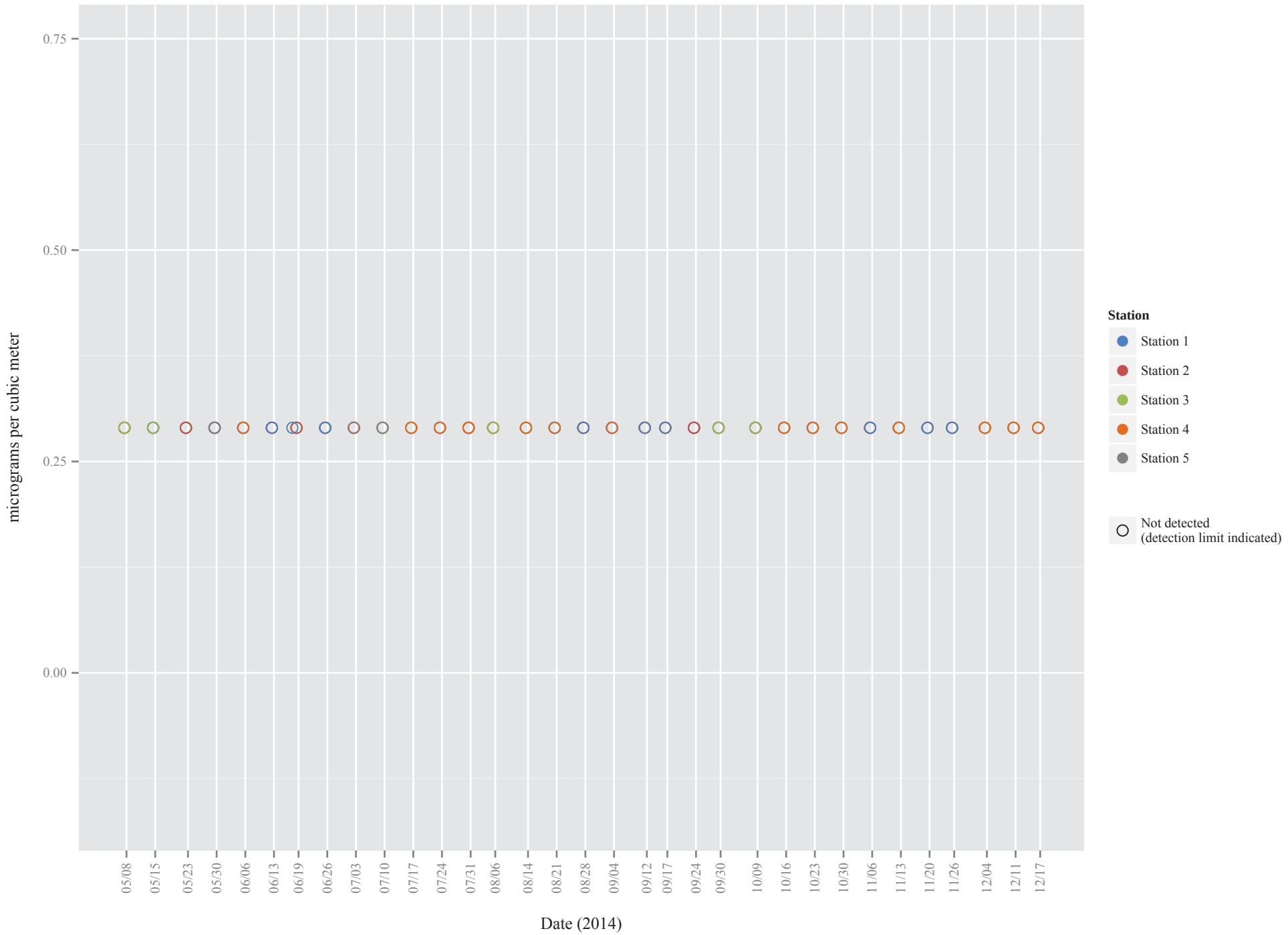


Exhibit C−6
1,1,2,2−Tetrachloroethane

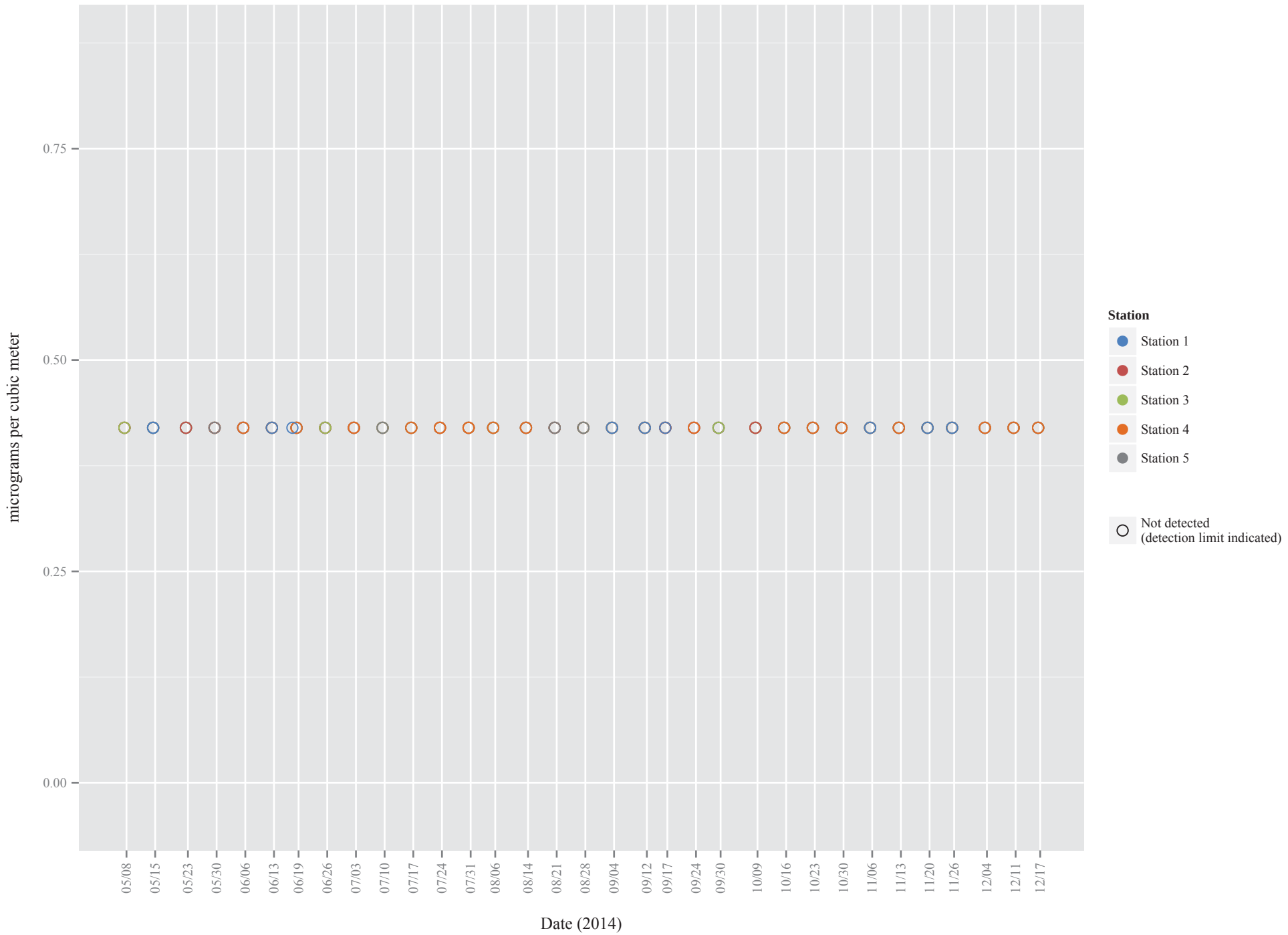


Exhibit C−7
1,2−Dibromoethane (EDB)

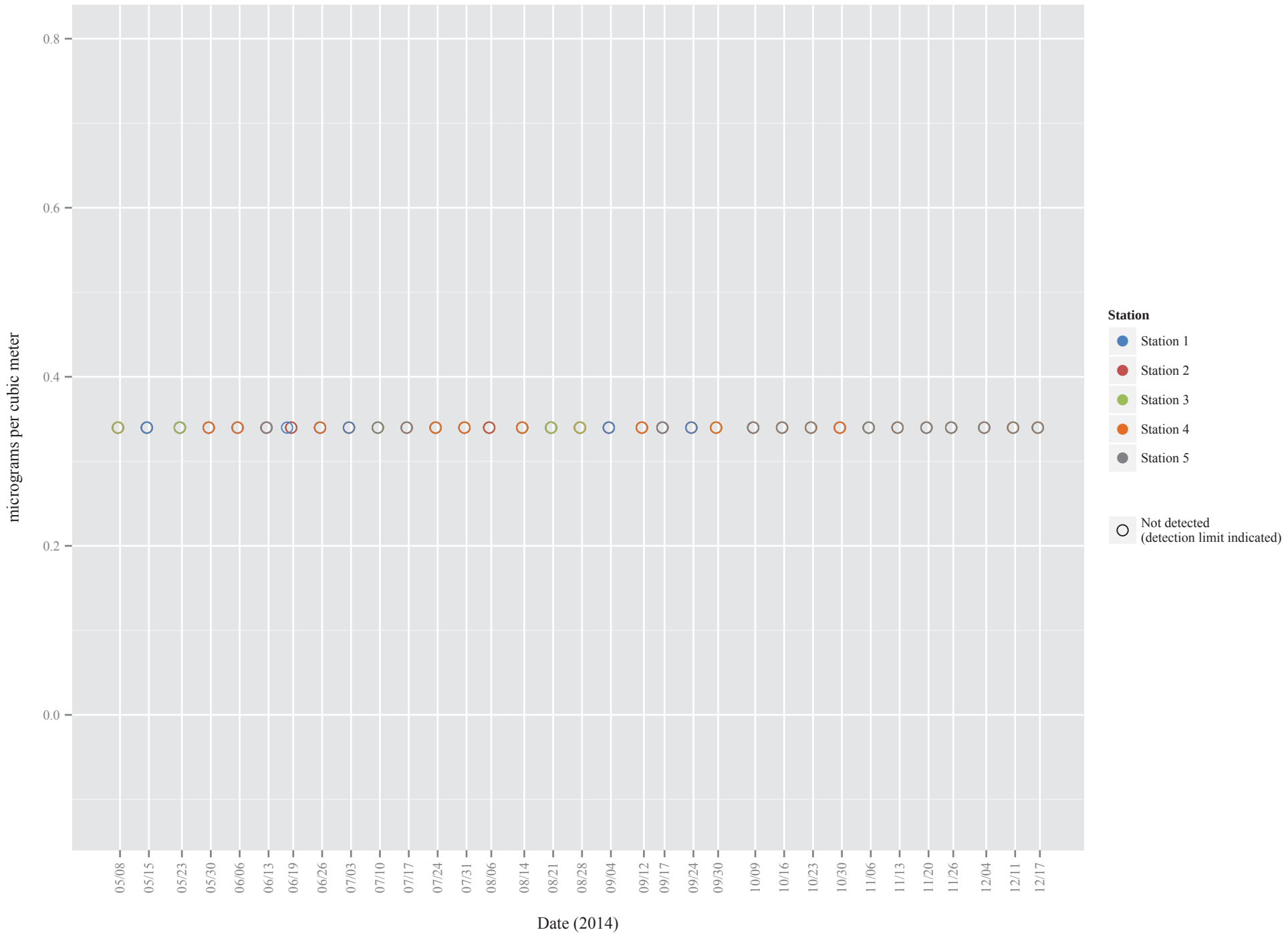


Exhibit C−8
1,2−Dichloro−1,1,2,2−tetrafluoroethane

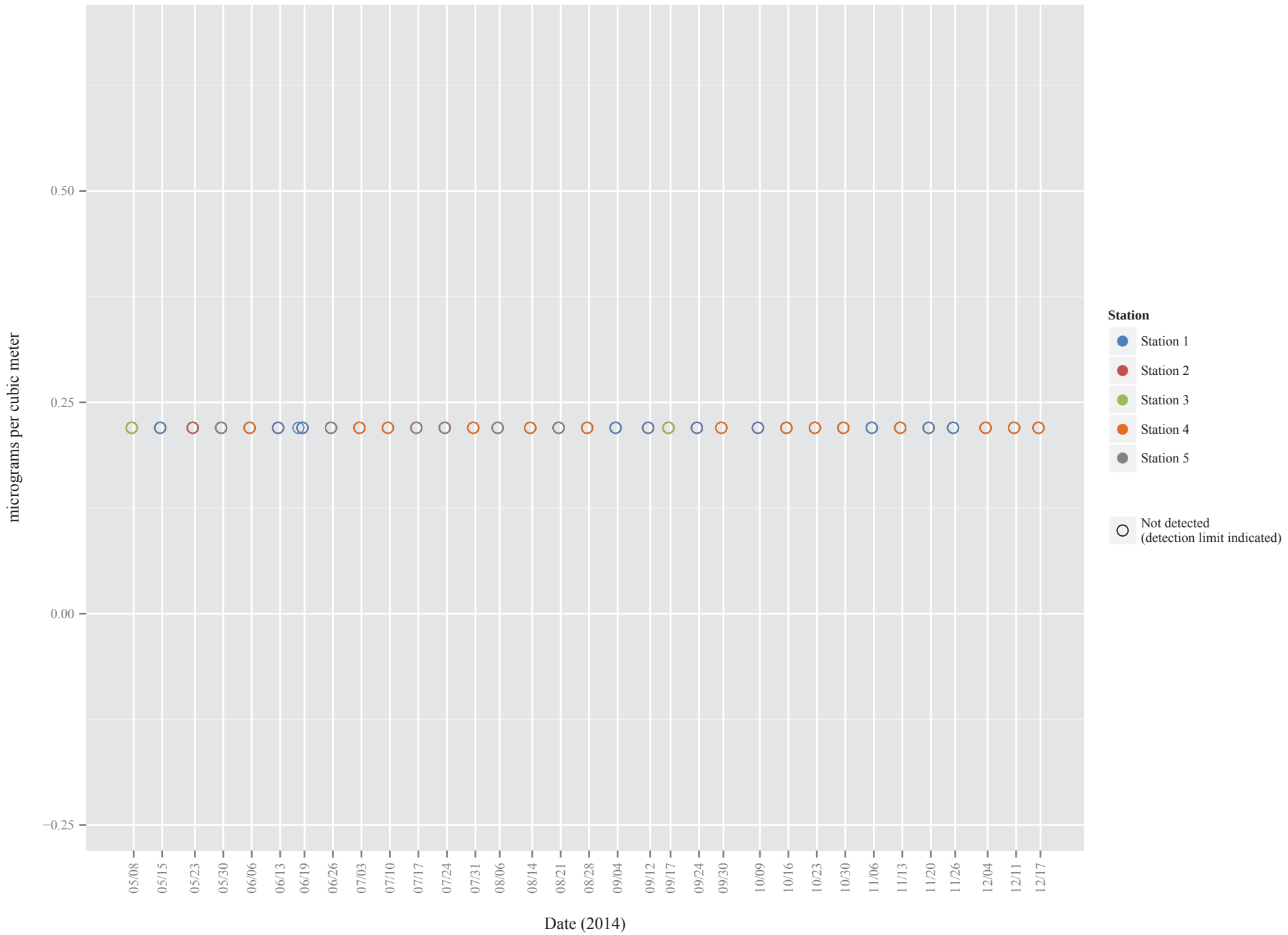


Exhibit C−9
1,2−Dichlorobenzene

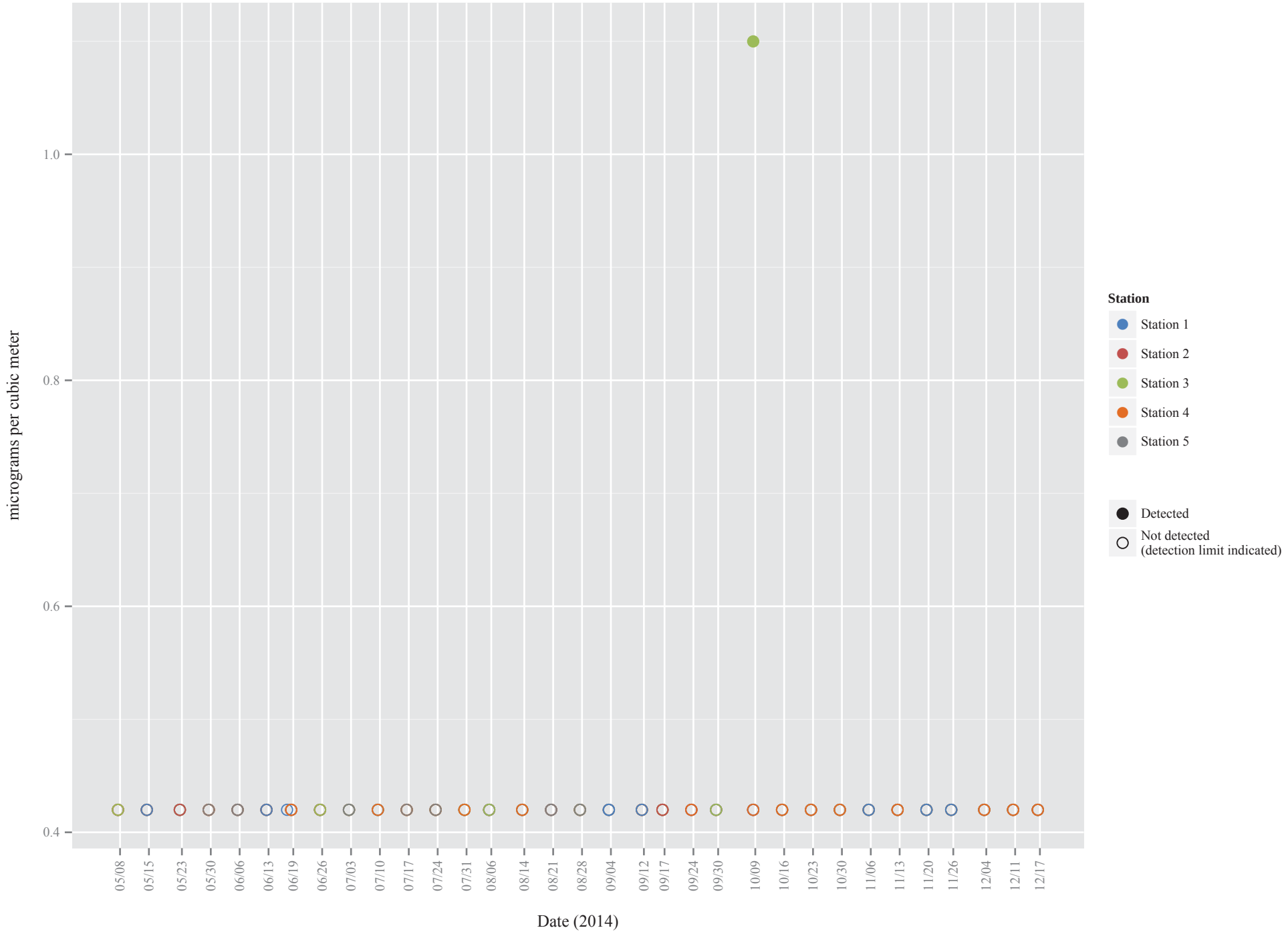


Exhibit C−10
1,2−Dichloroethane

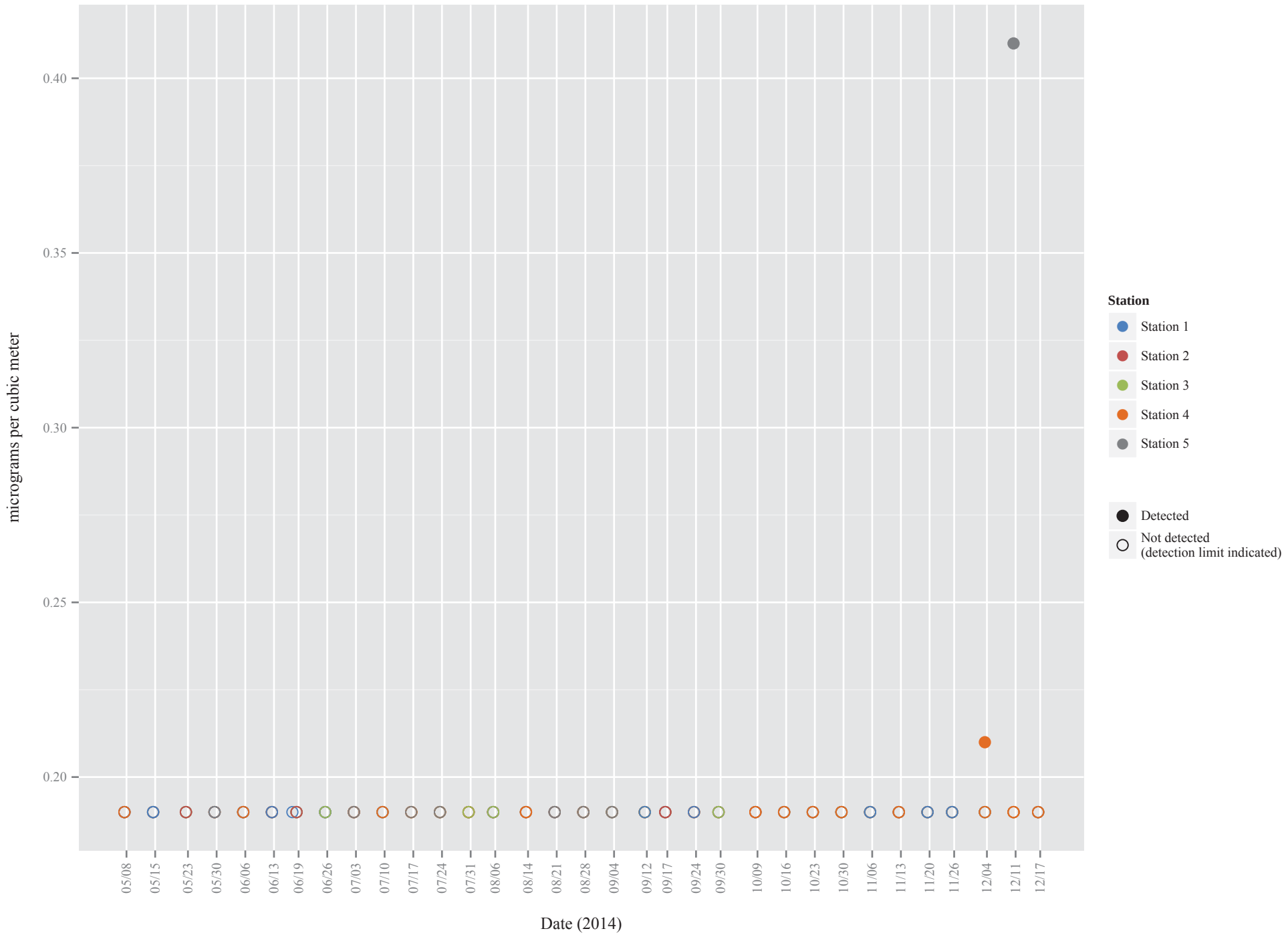


Exhibit C−11
1,2−Dichloropropane

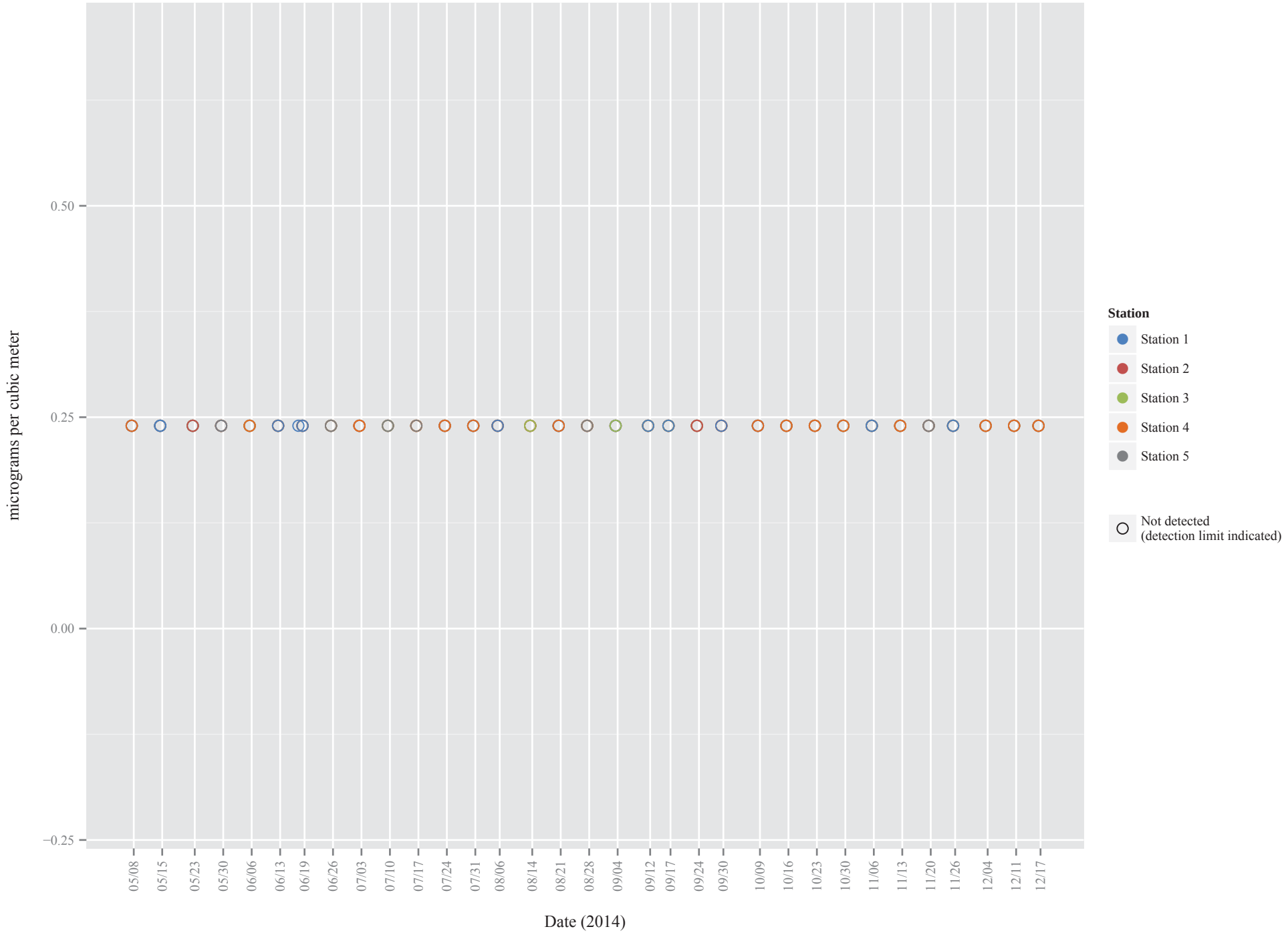


Exhibit C−12
1,2,4−Trichlorobenzene

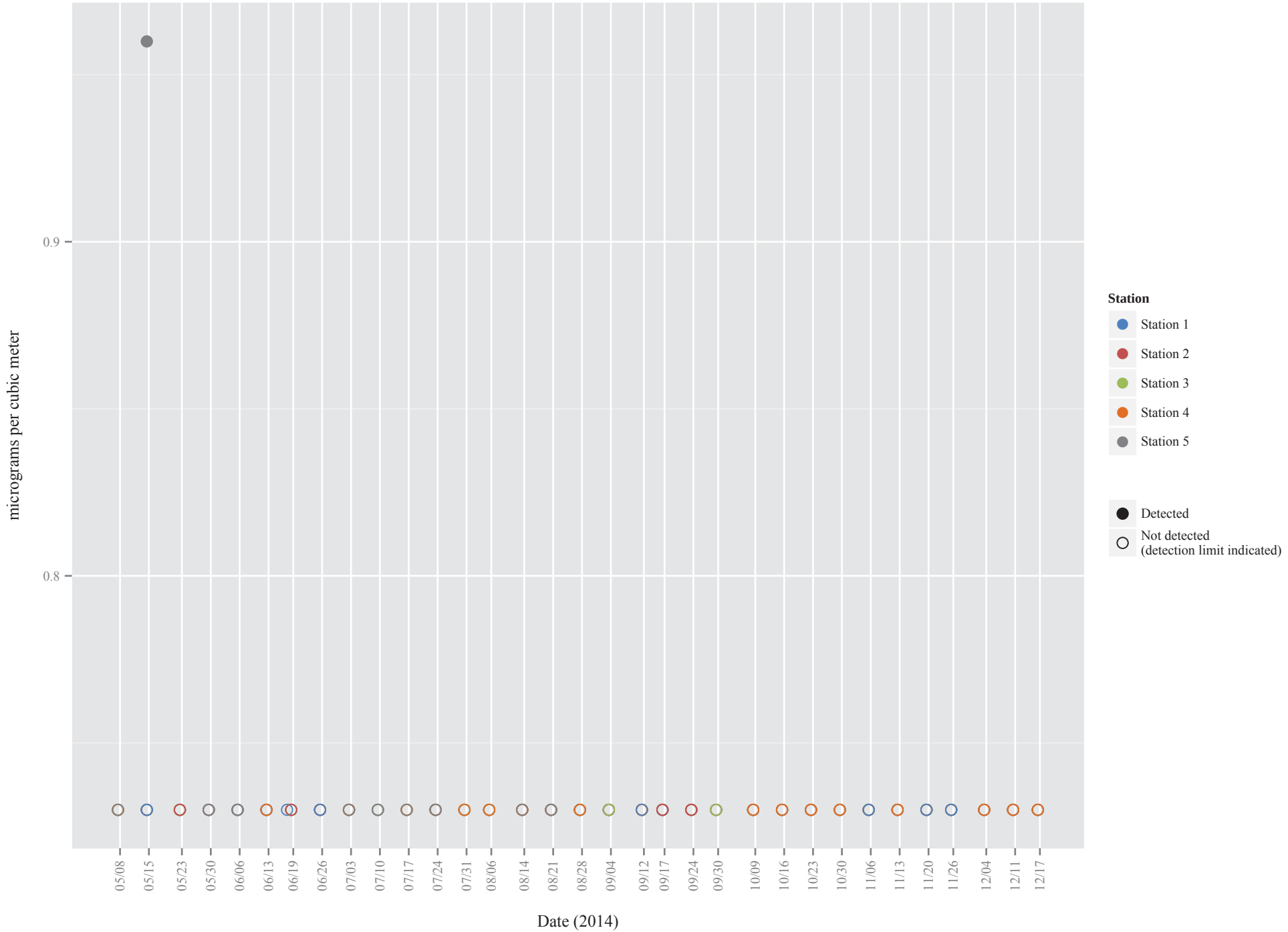


Exhibit C−13
1,2,4−Trimethylbenzene

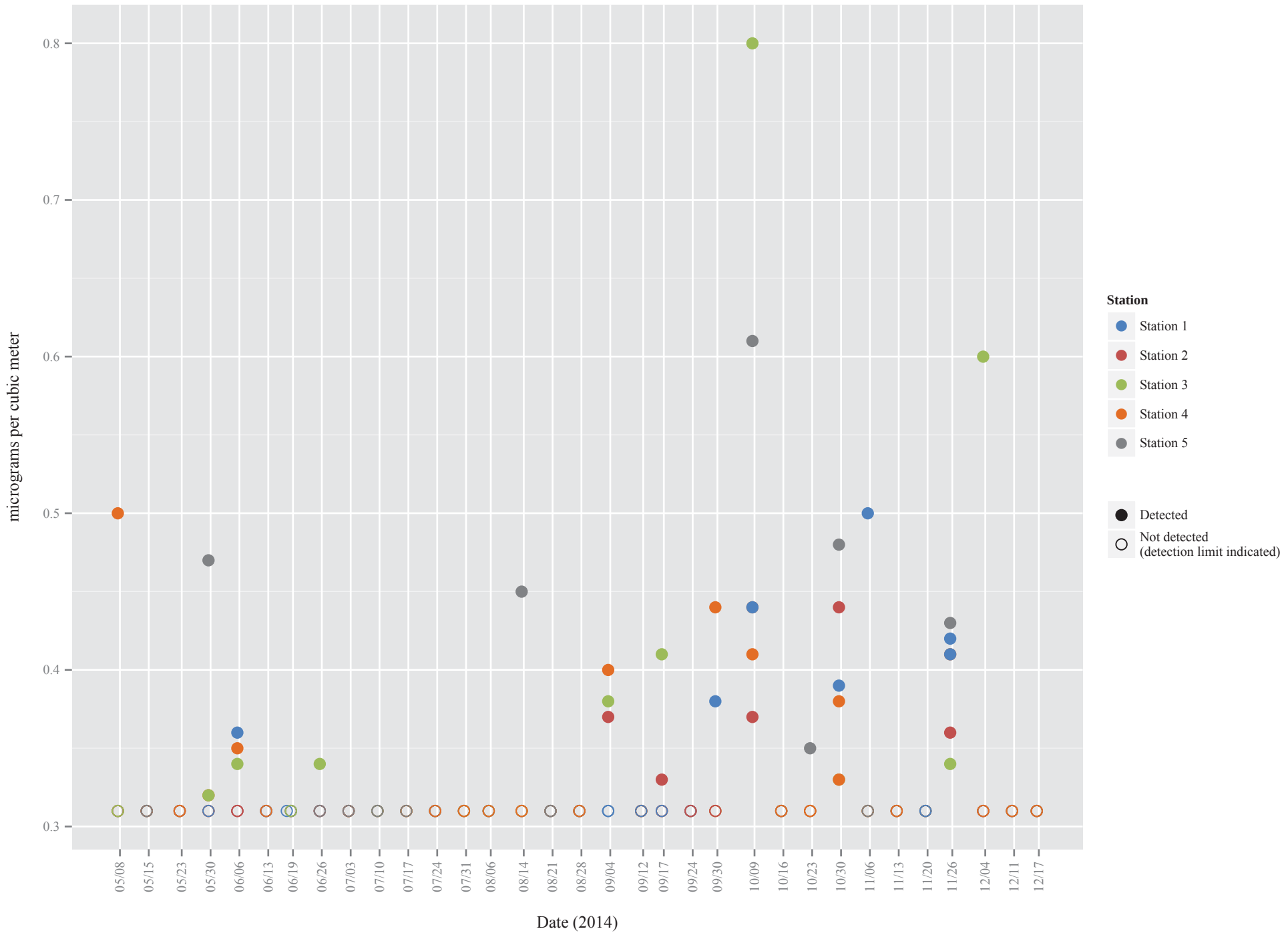


Exhibit C−14
1,3−Dichlorobenzene

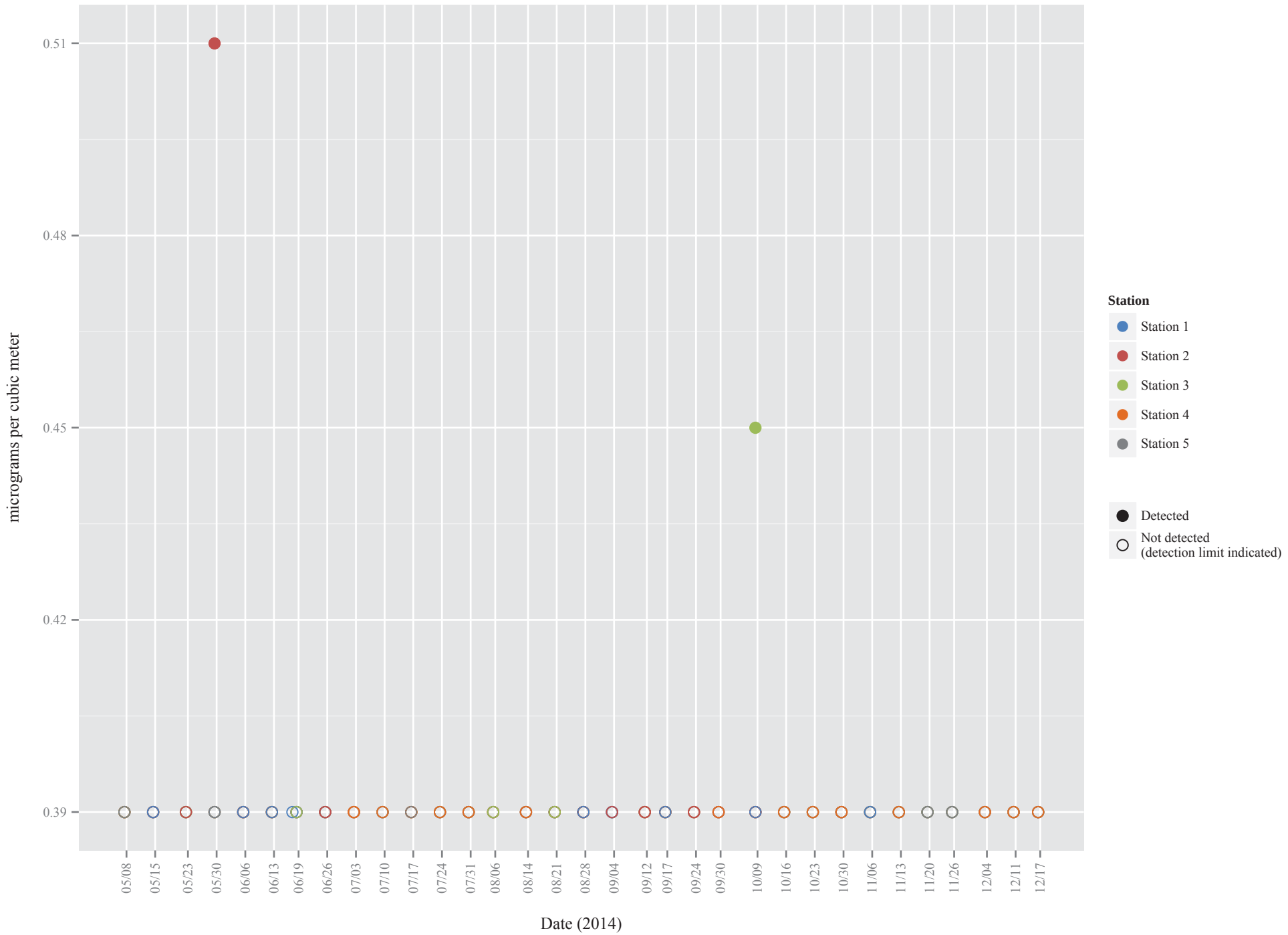


Exhibit C−15
1,3,5−Trimethylbenzene

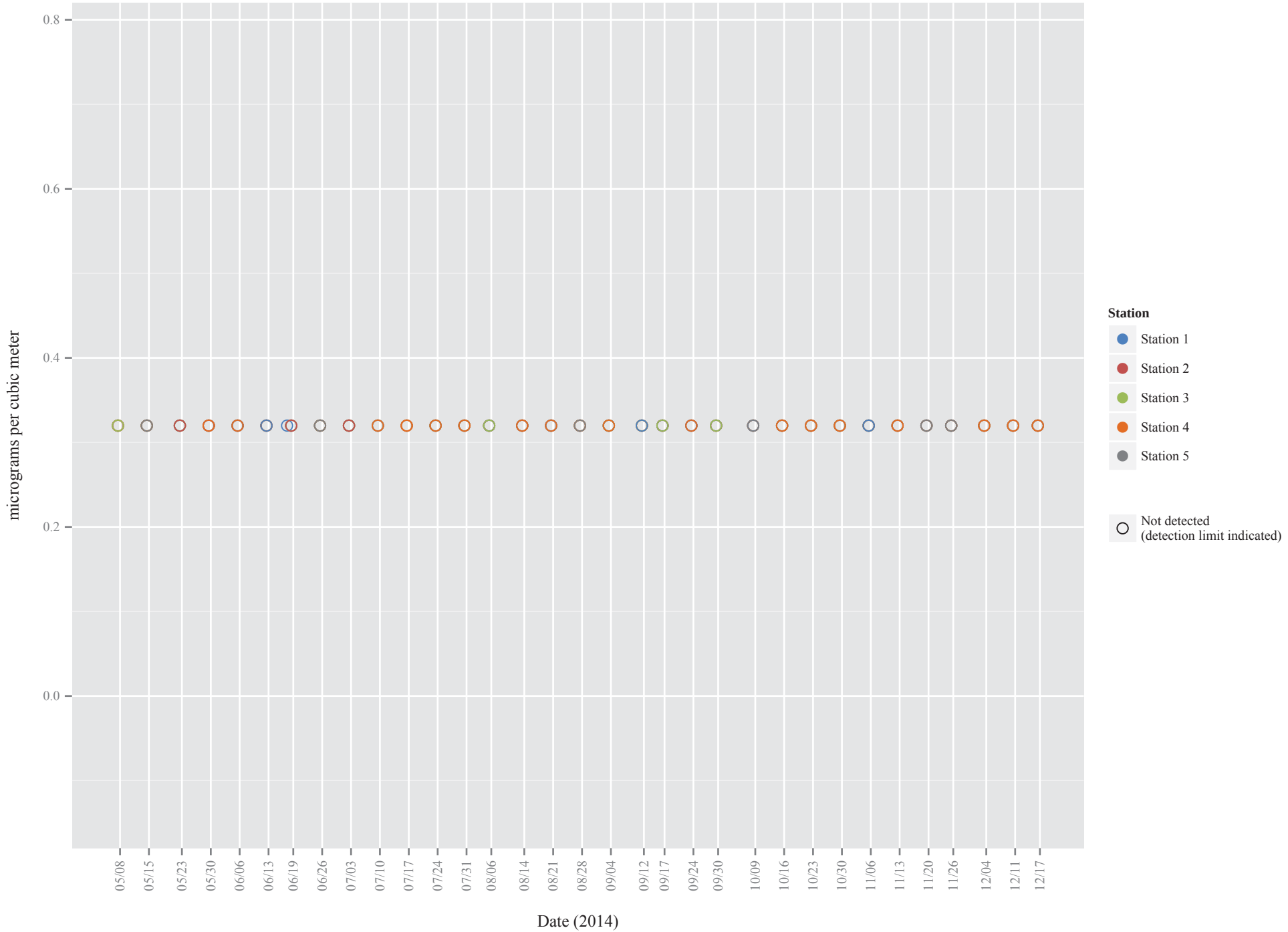


Exhibit C−16
1,4−Dichlorobenzene

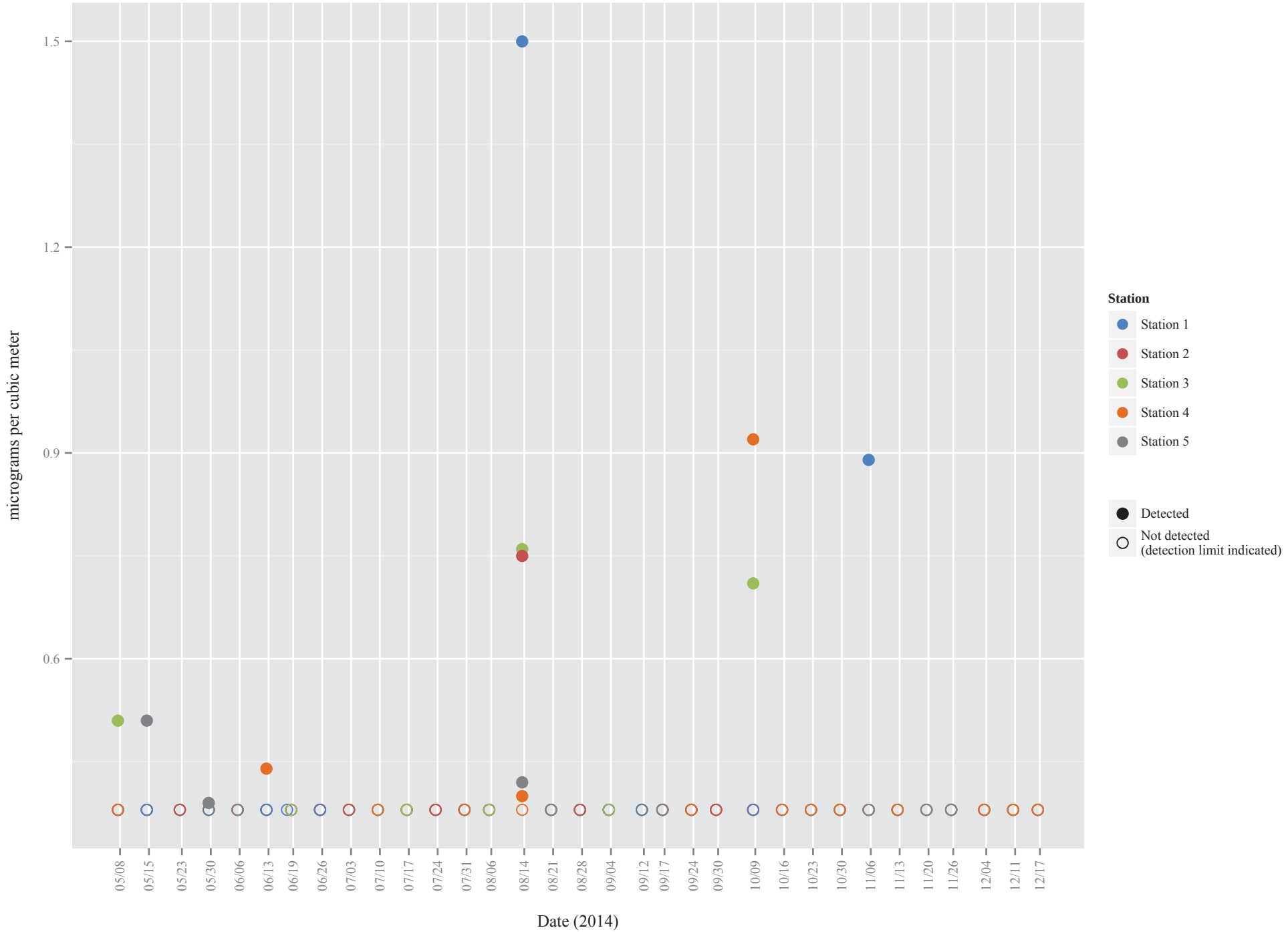


Exhibit C−17
Benzene

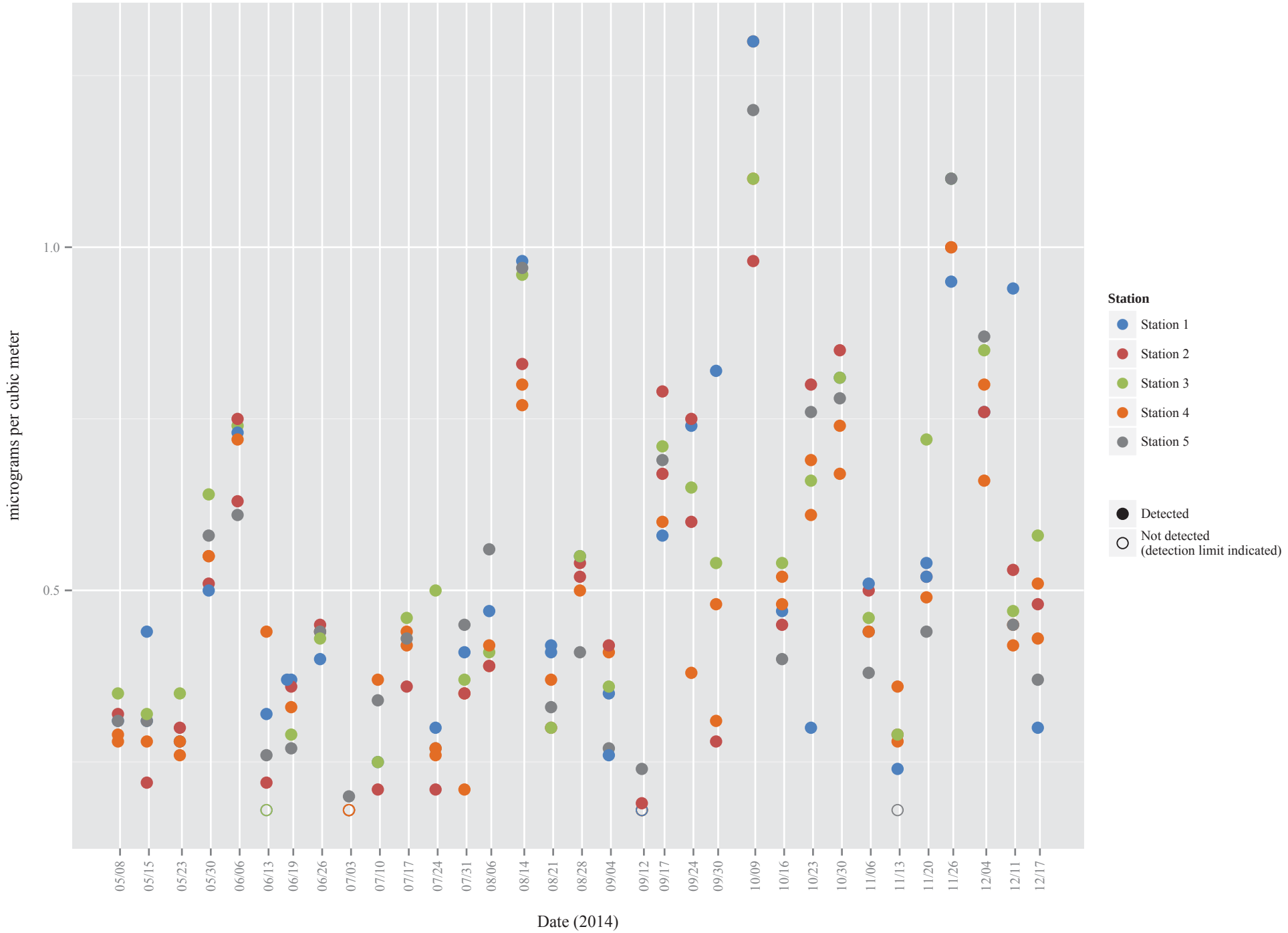


Exhibit C−18
Benzyl chloride

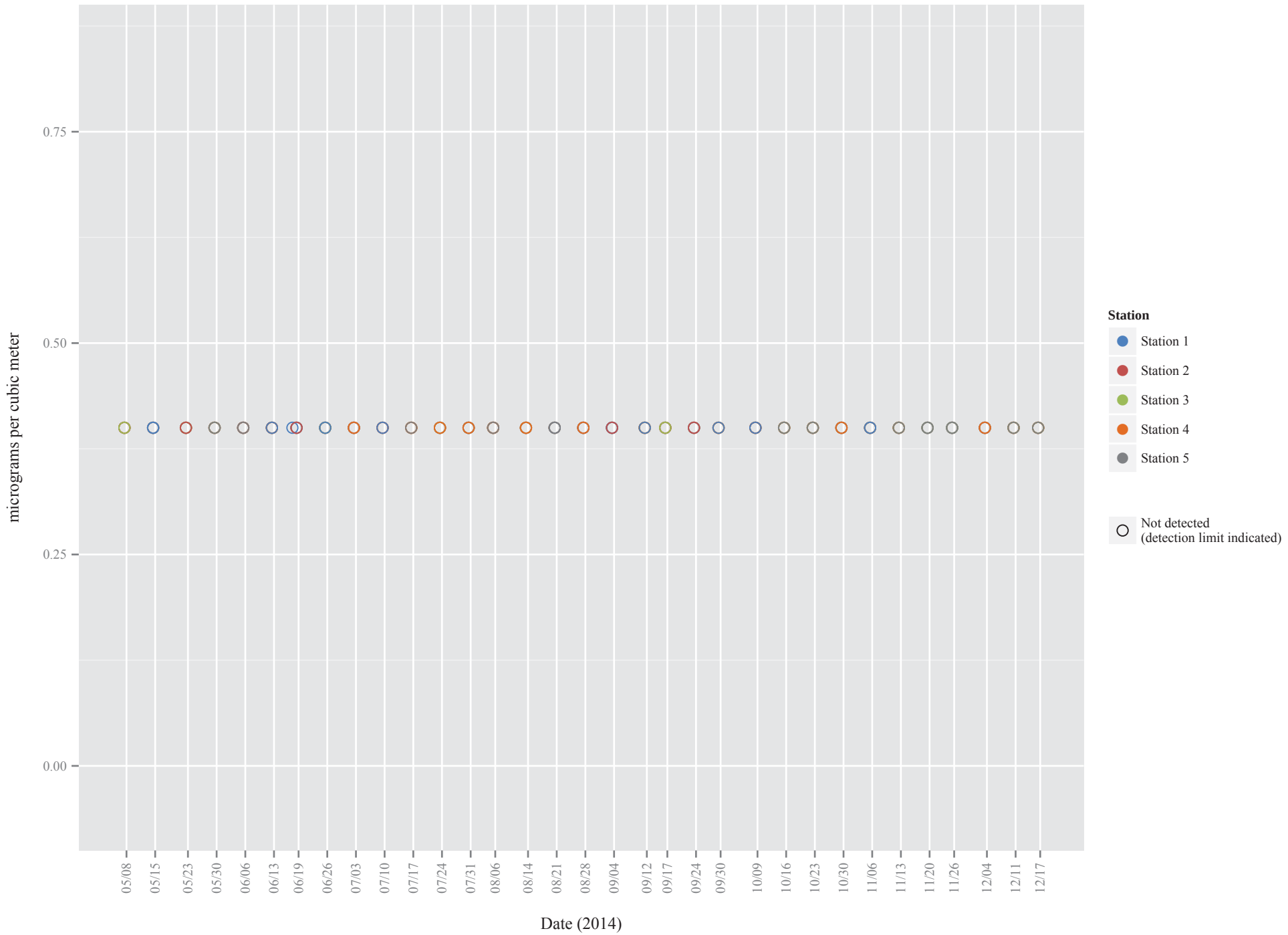


Exhibit C−19
Bromomethane

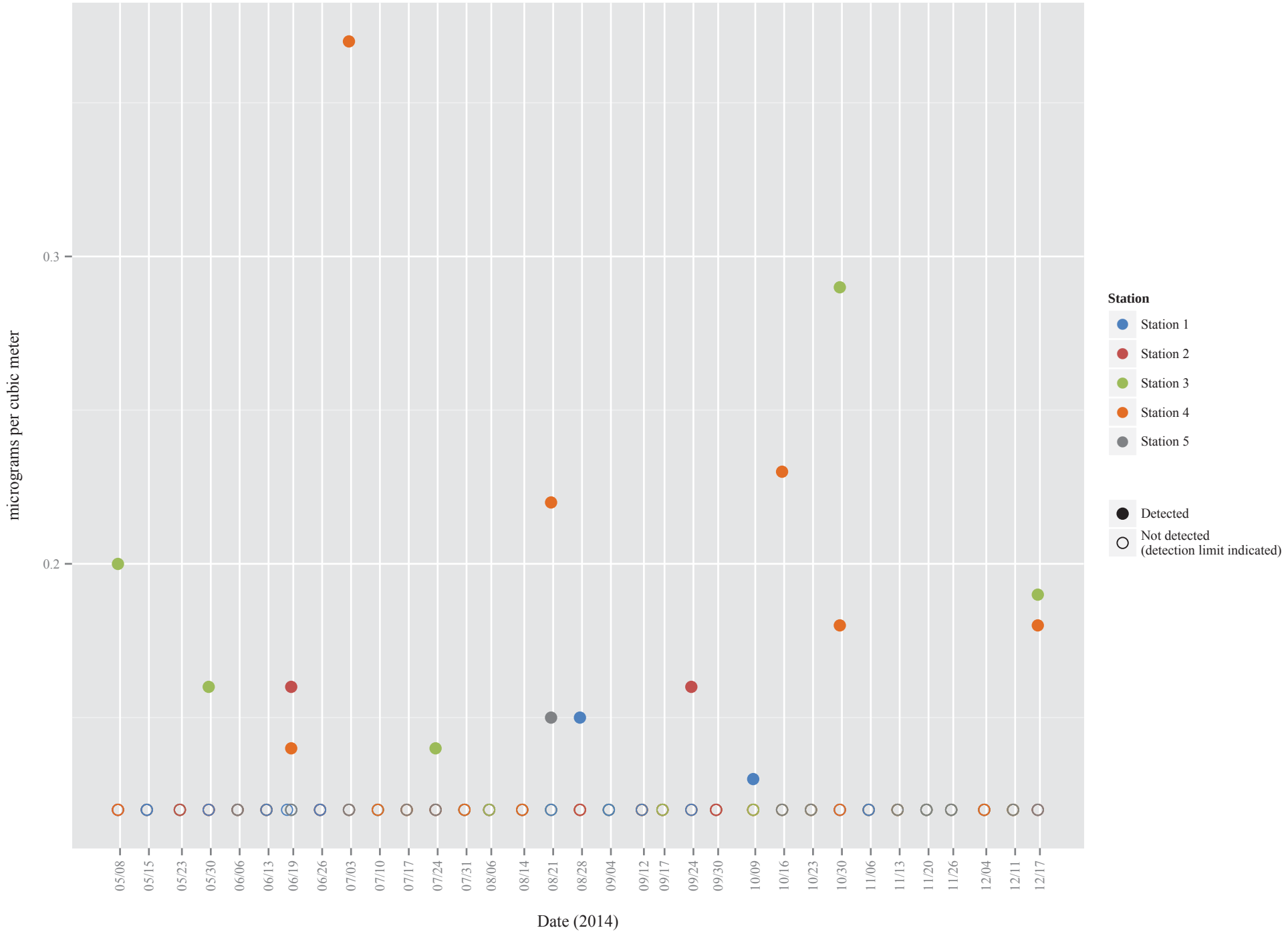


Exhibit C−20
Carbon tetrachloride

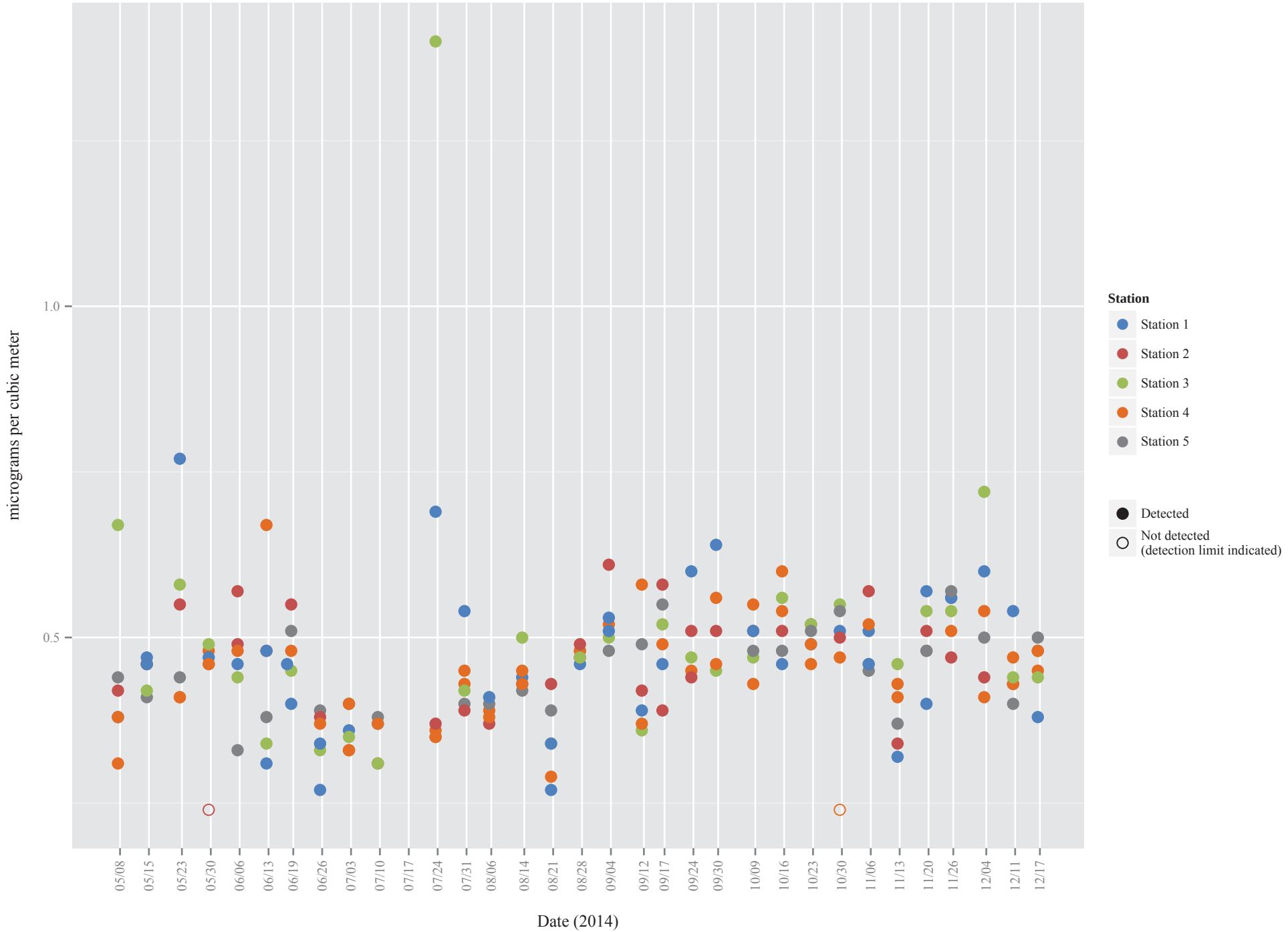


Exhibit C−21
Chlorobenzene

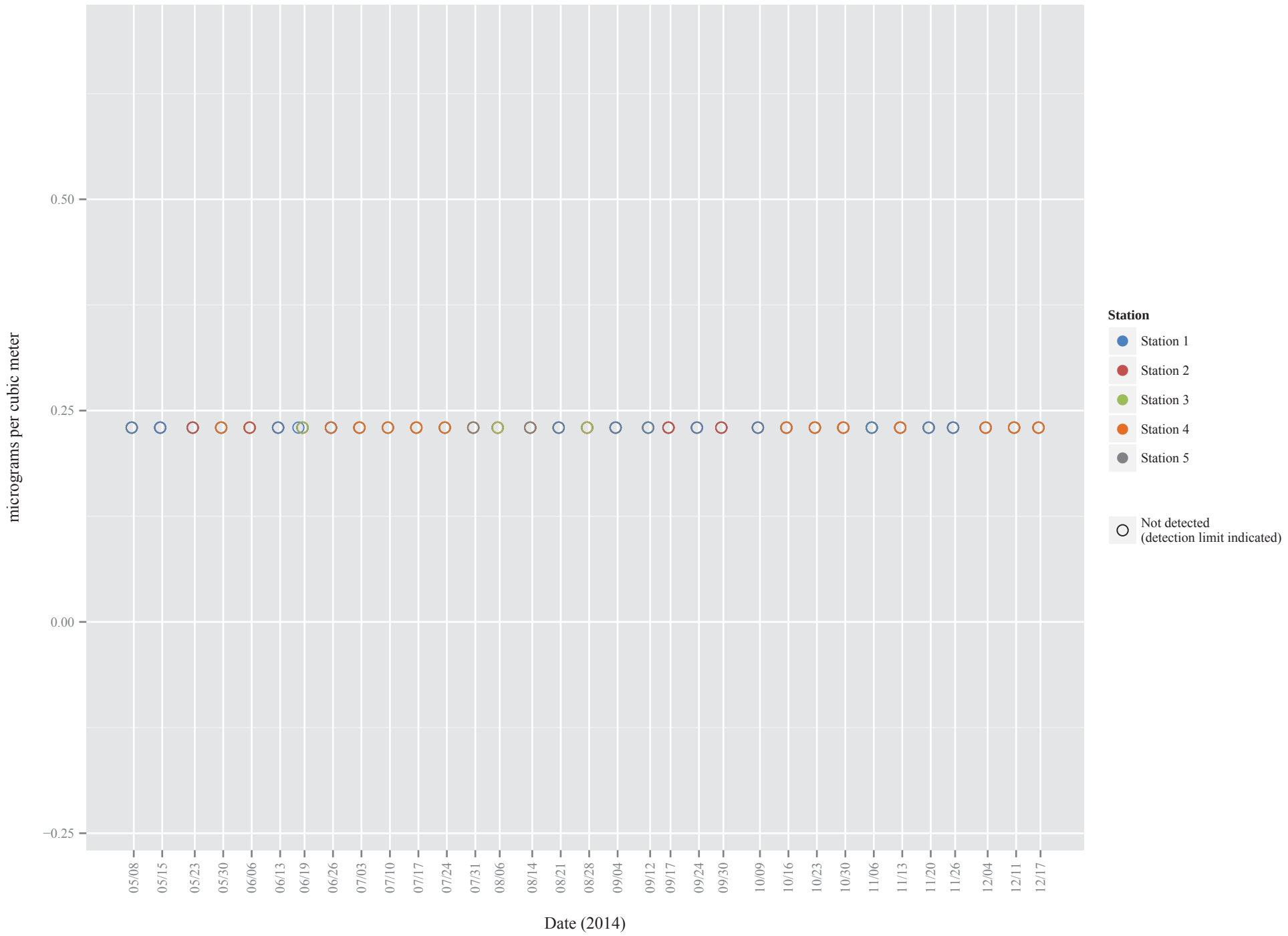


Exhibit C–22
Chloroethane

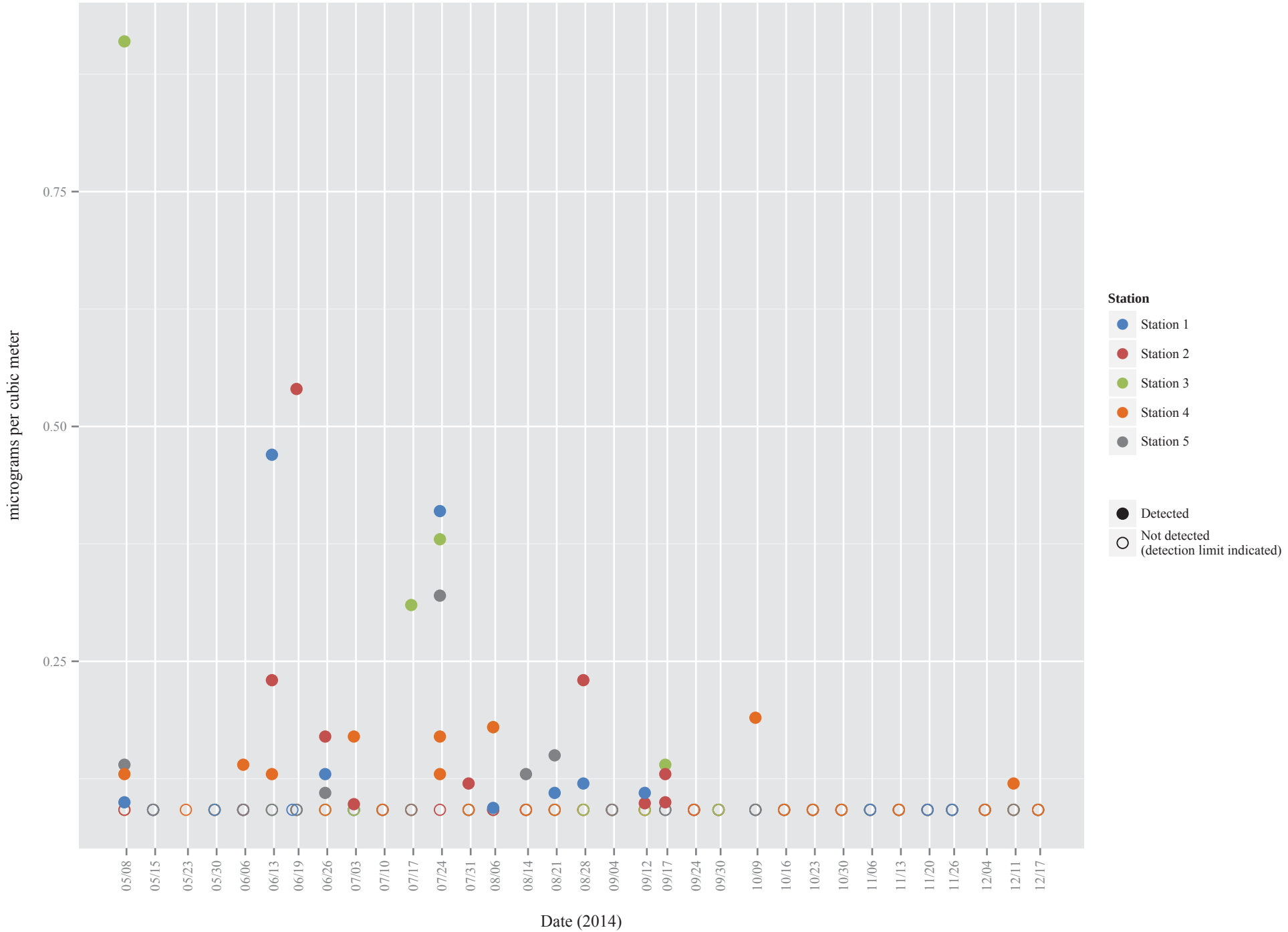


Exhibit C−23
Chloroform

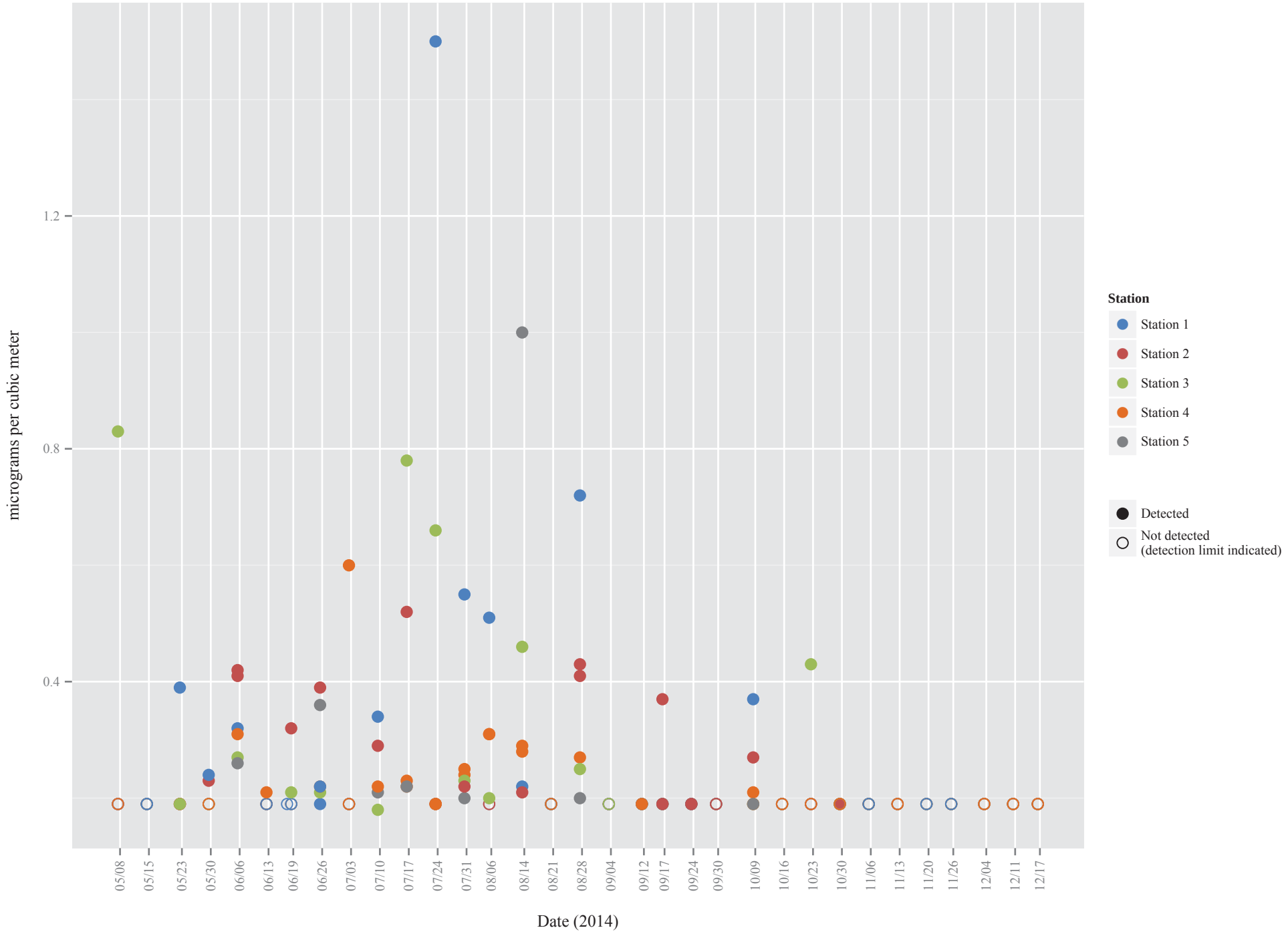


Exhibit C−24
Chloromethane

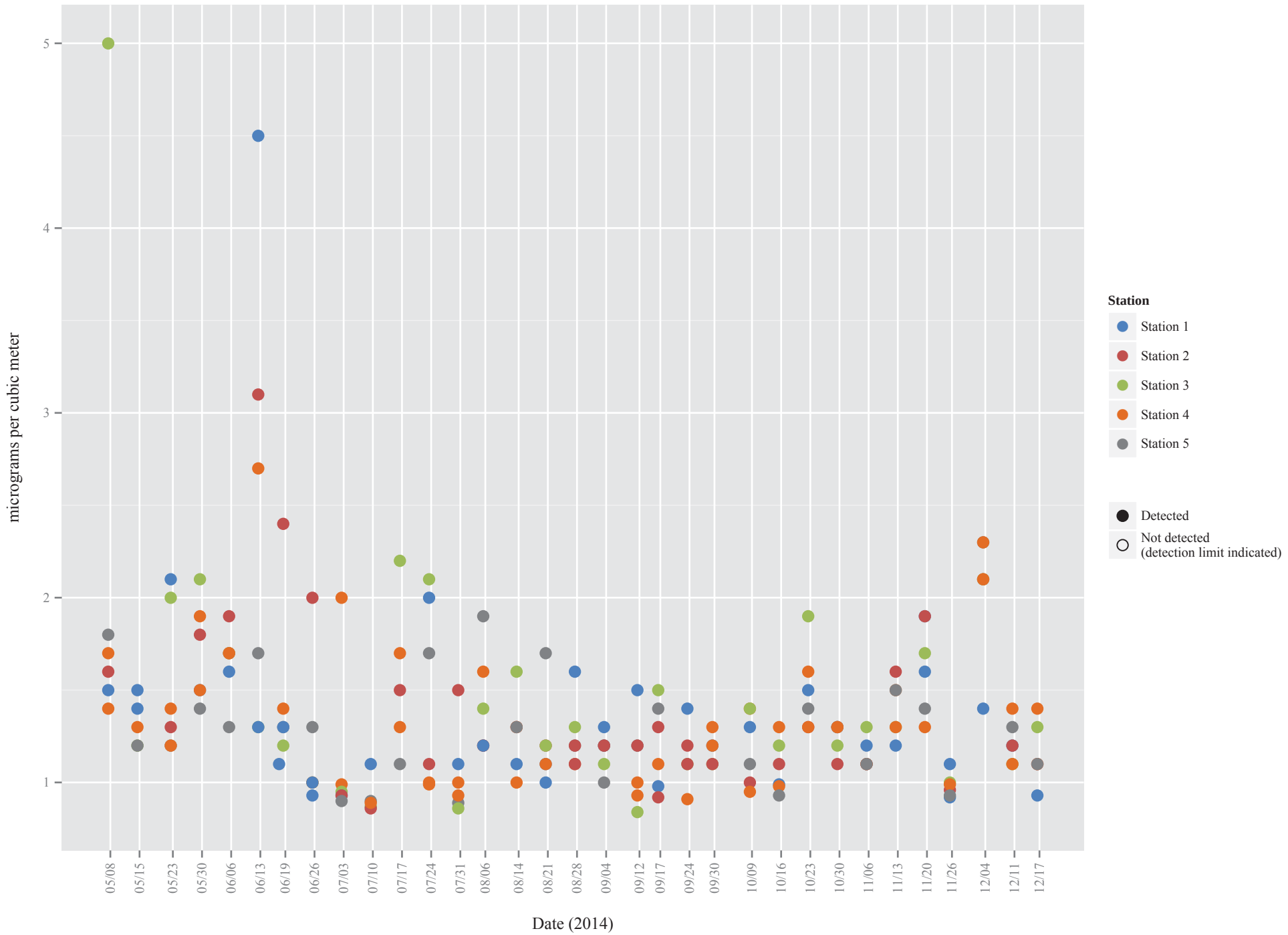


Exhibit C−25
cis−1,2−Dichloroethene

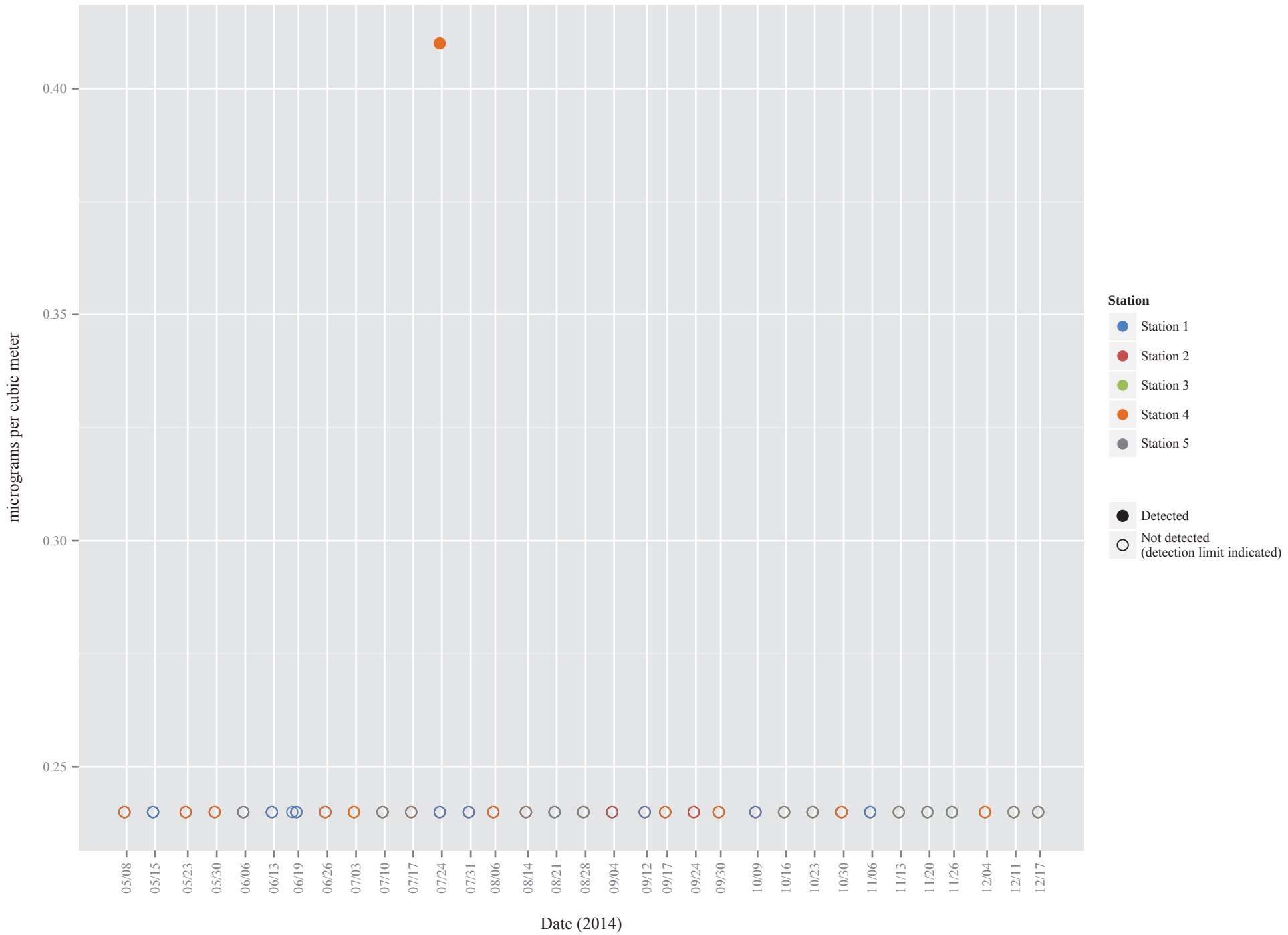


Exhibit C−26
cis−1,3−Dichloropropene

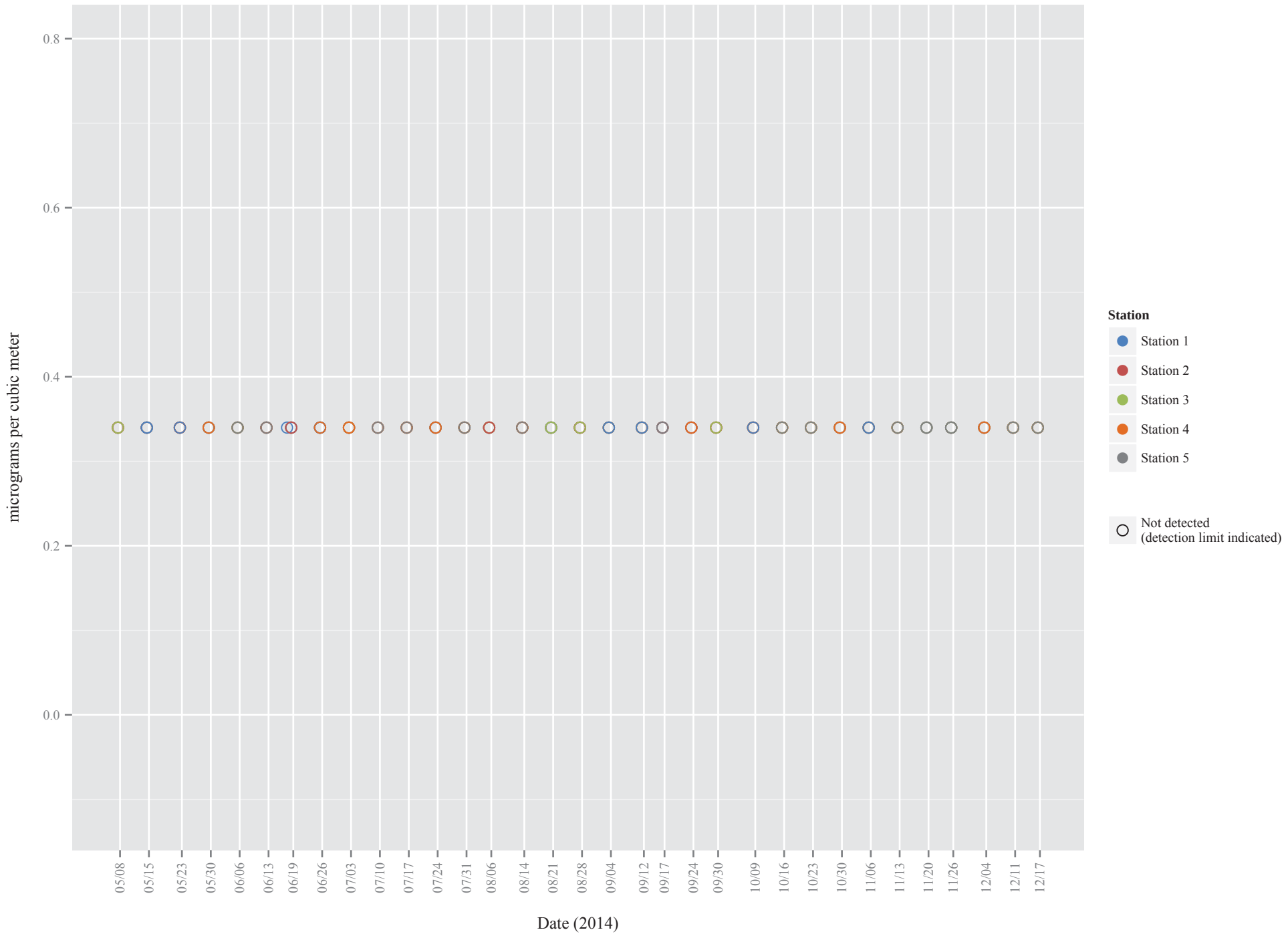


Exhibit C−27
Dichlorodifluoromethane

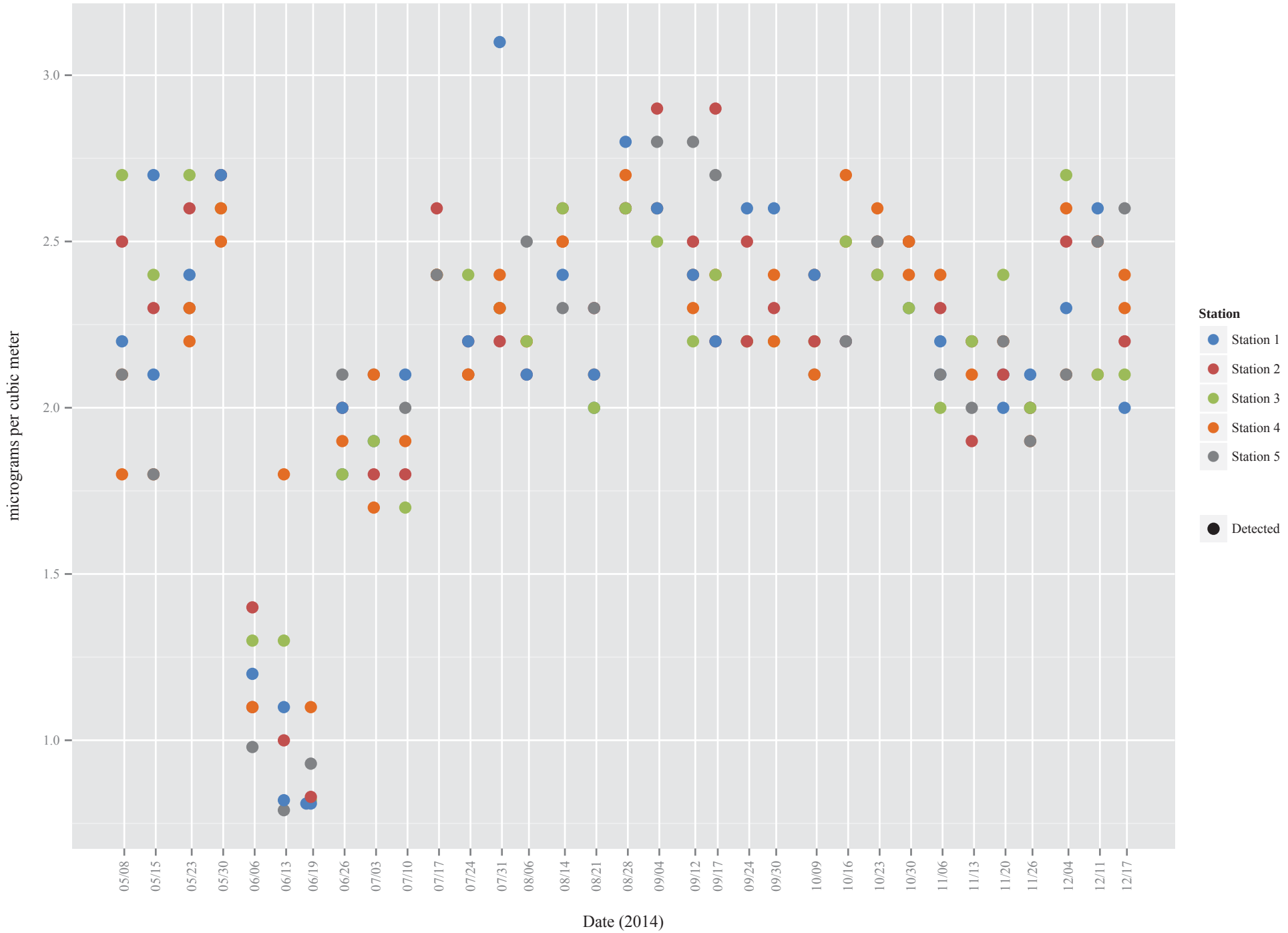


Exhibit C−28
Ethylbenzene

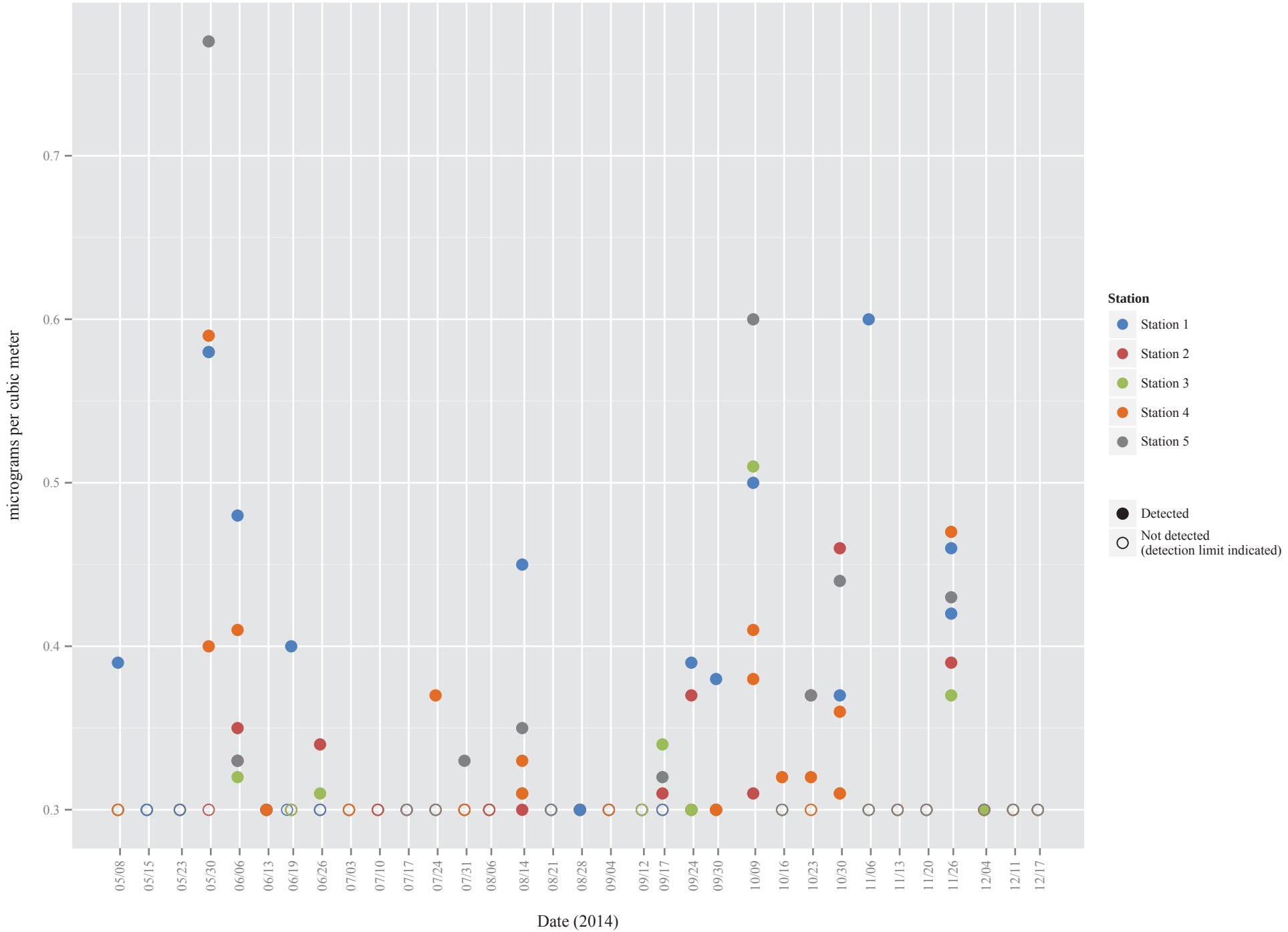


Exhibit C−29
Hexachlorobutadiene

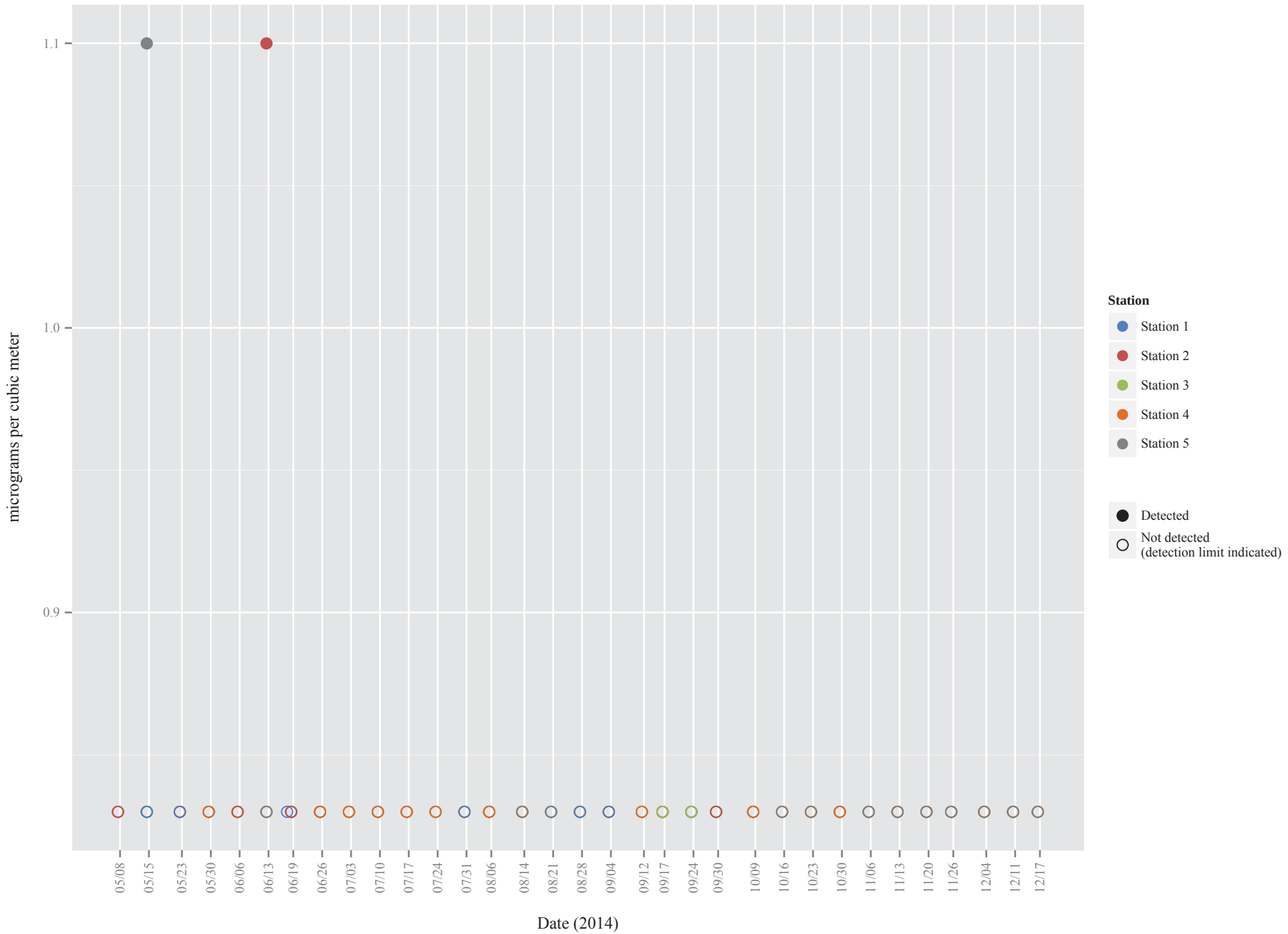


Exhibit C−30
m&p−Xylene

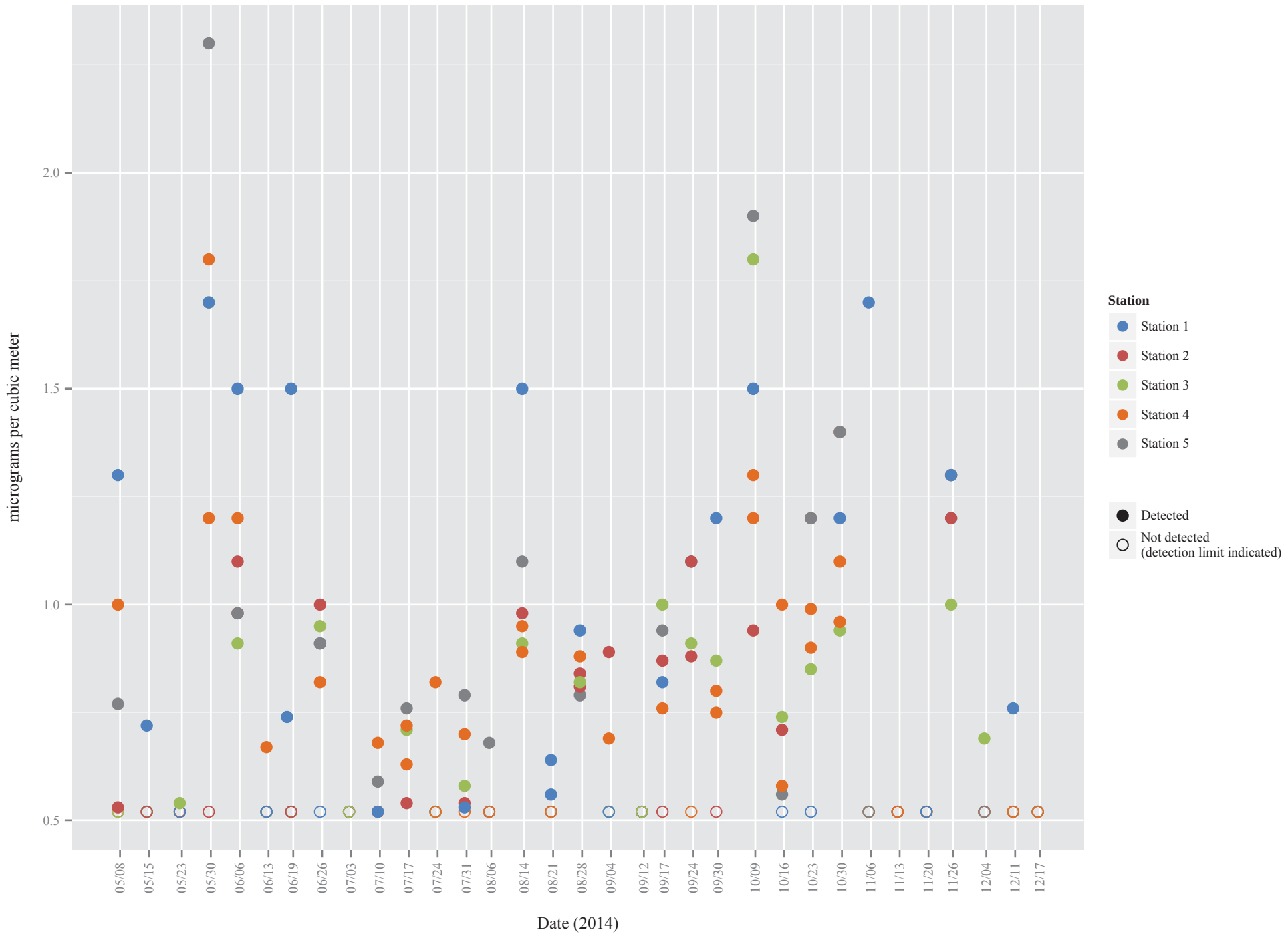


Exhibit C−31
Methylene Chloride

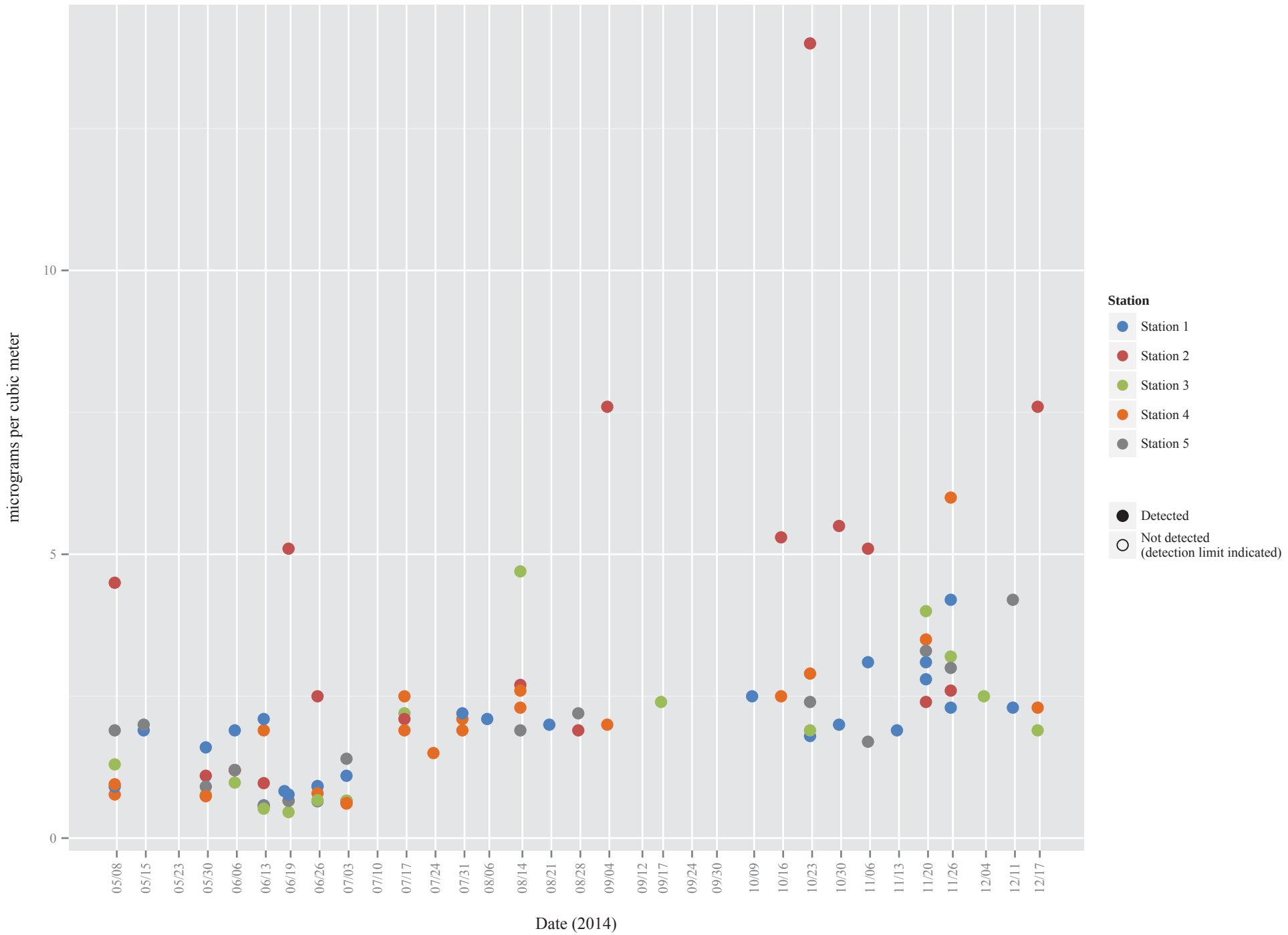


Exhibit C−32
o−Xylene

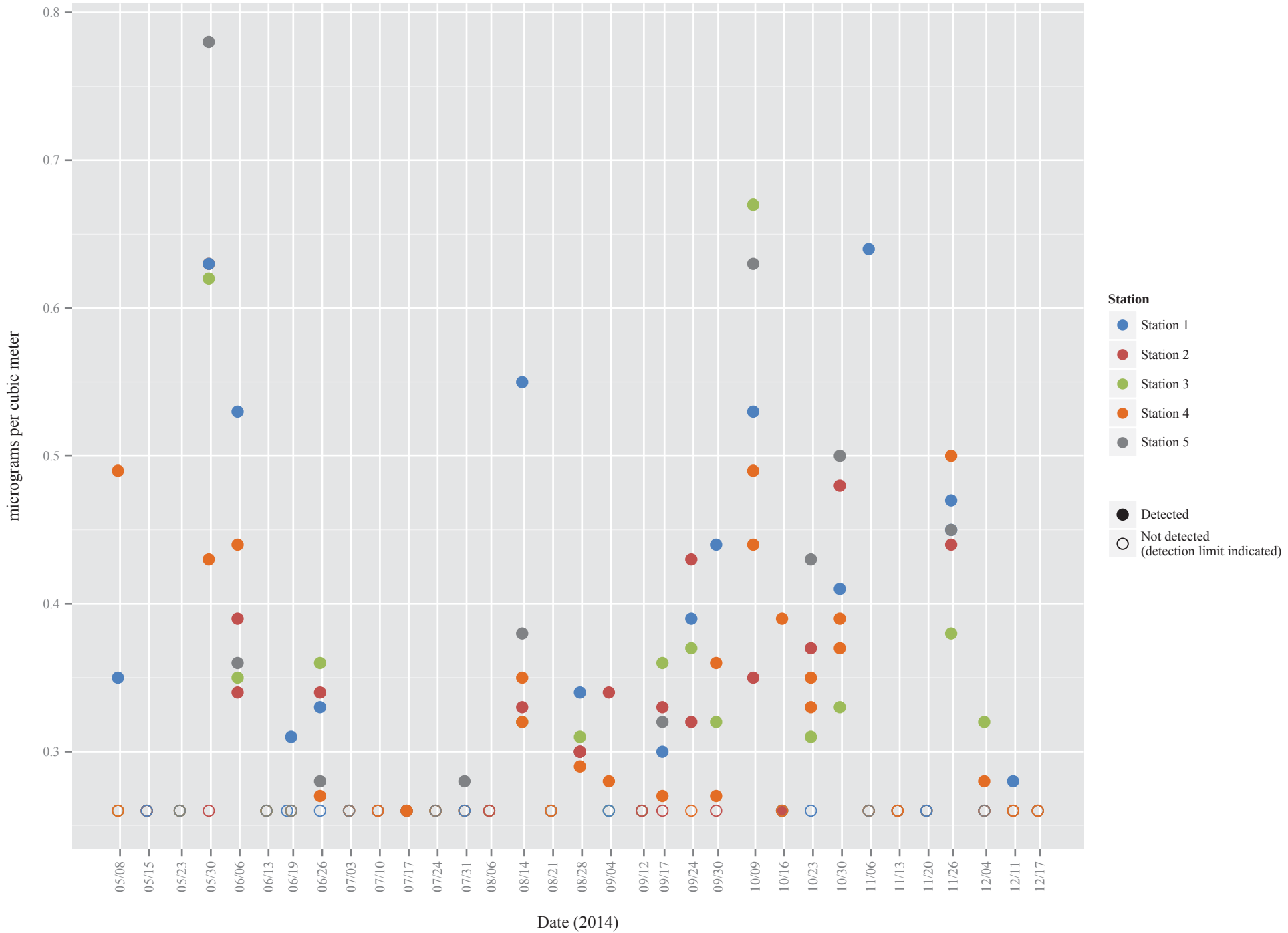


Exhibit C−33
Styrene

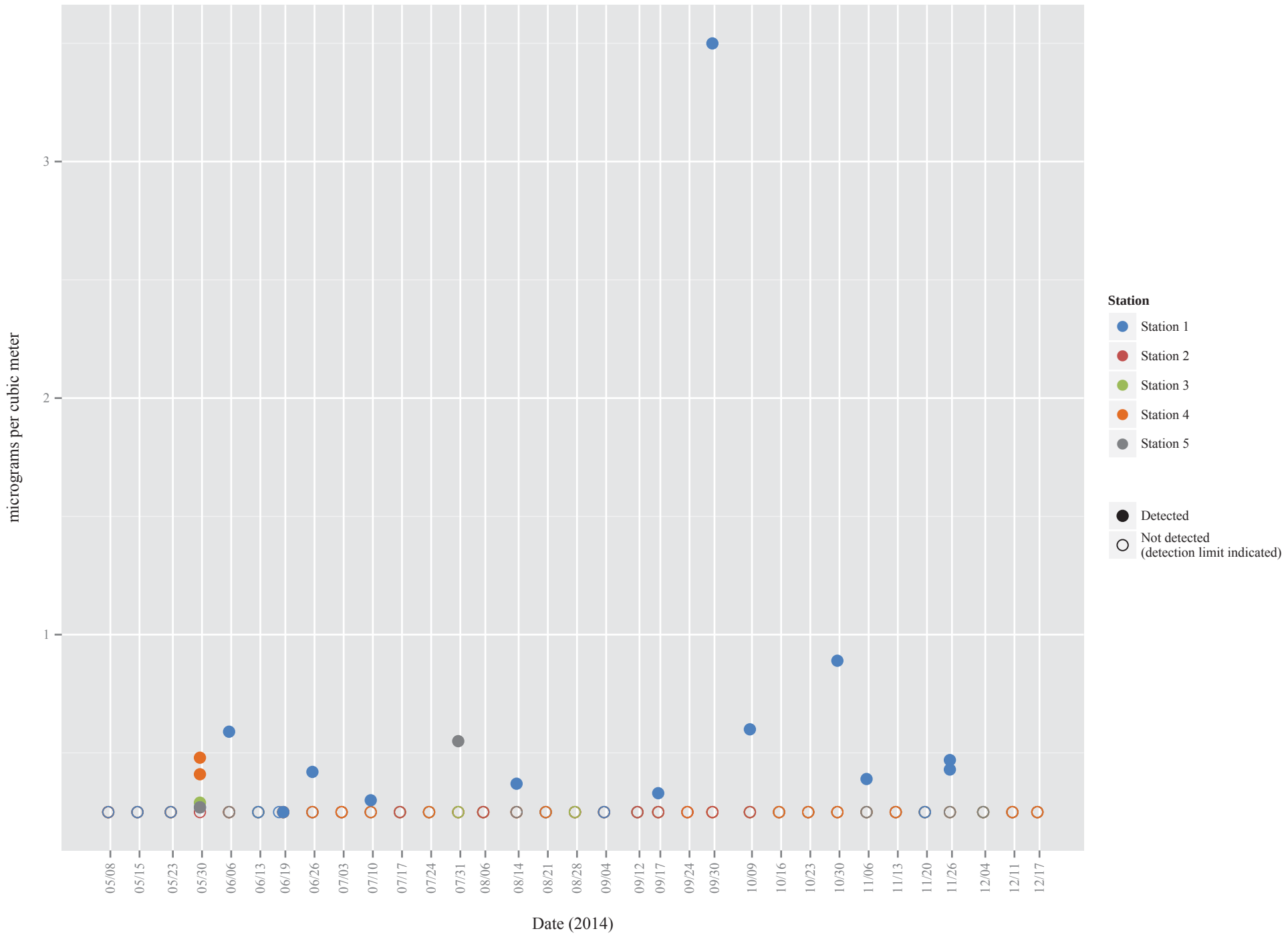


Exhibit C−34
Tetrachloroethene

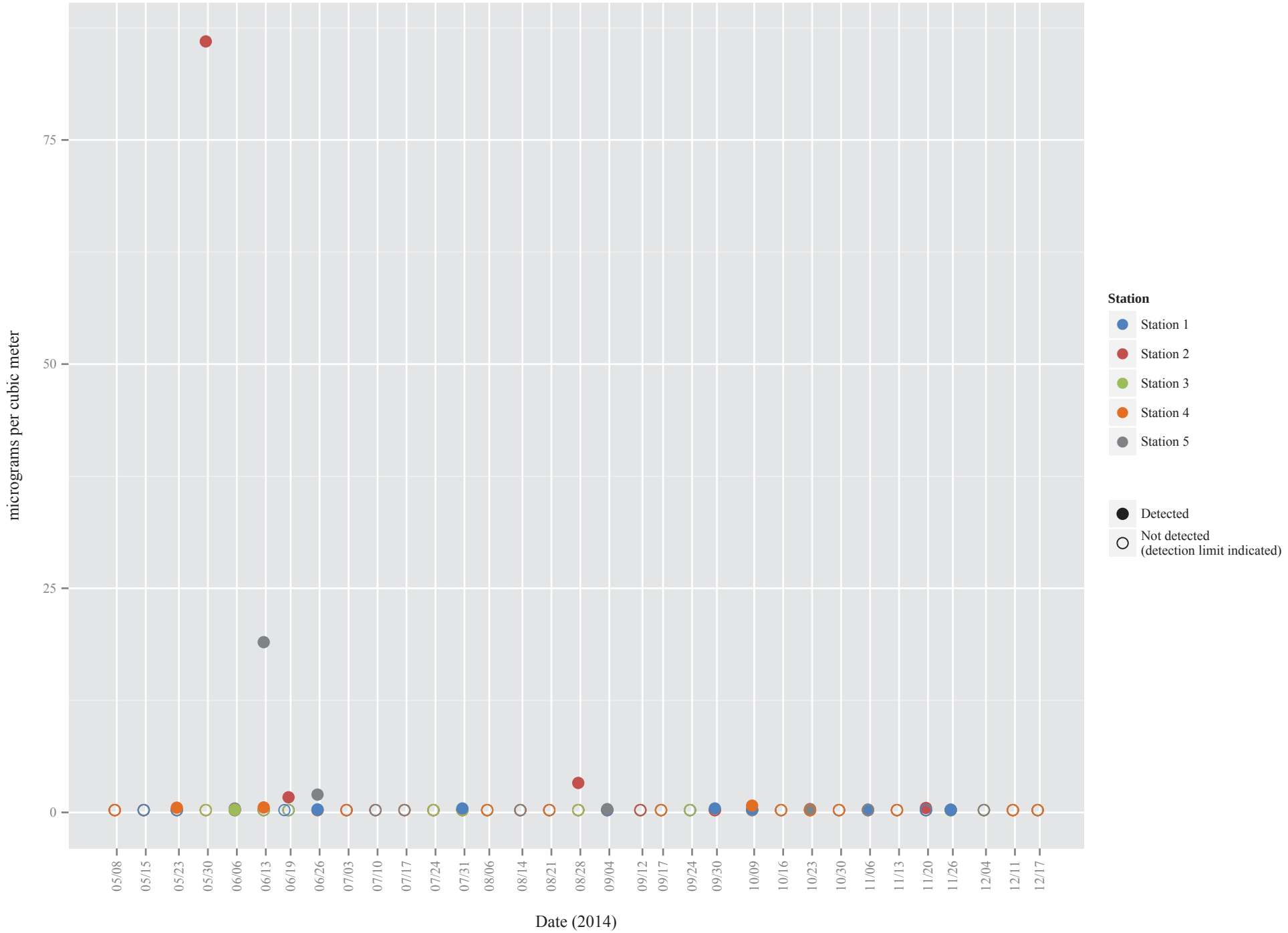


Exhibit C–35
Toluene

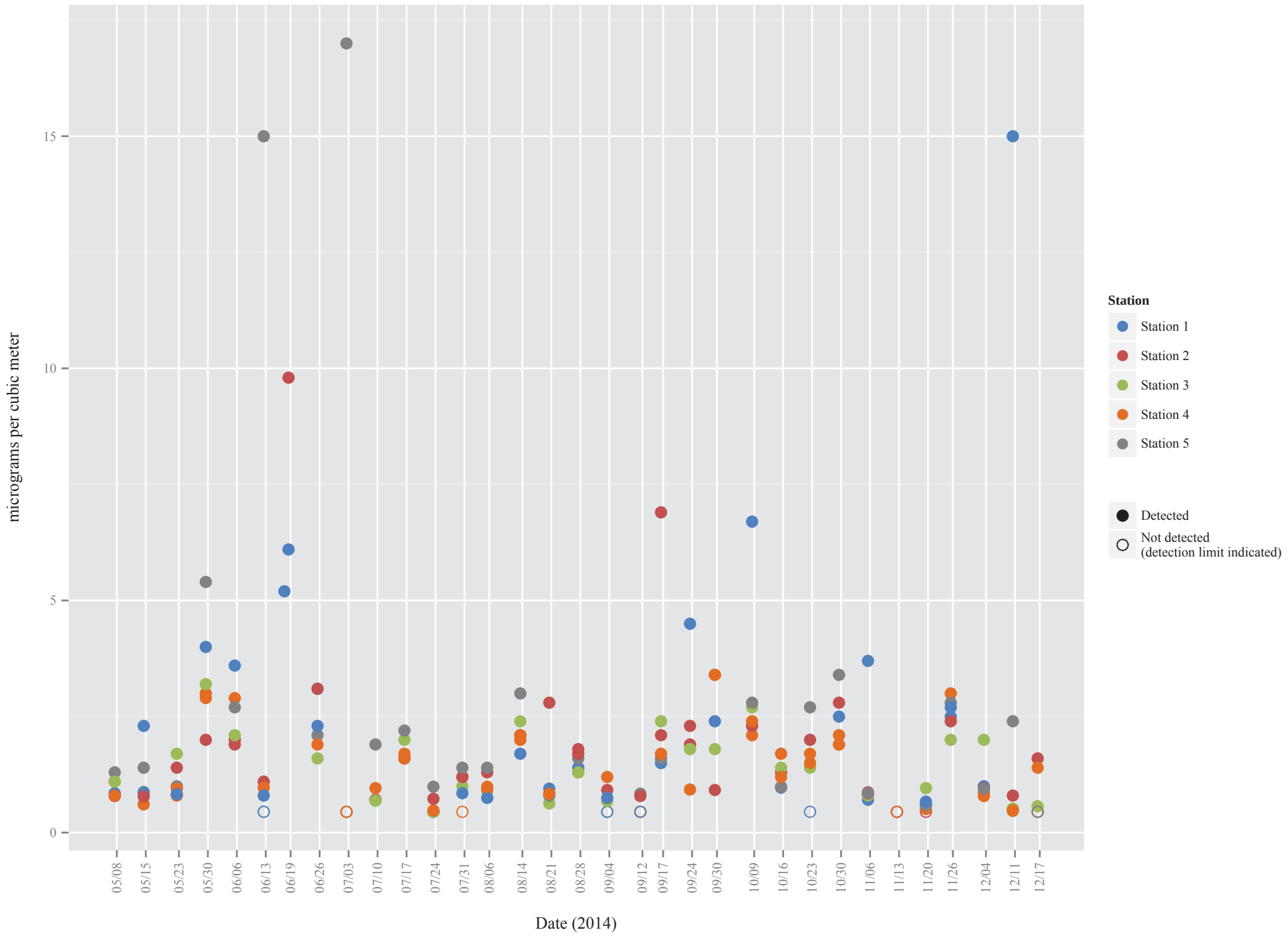


Exhibit C−36
trans−1,3−Dichloropropene

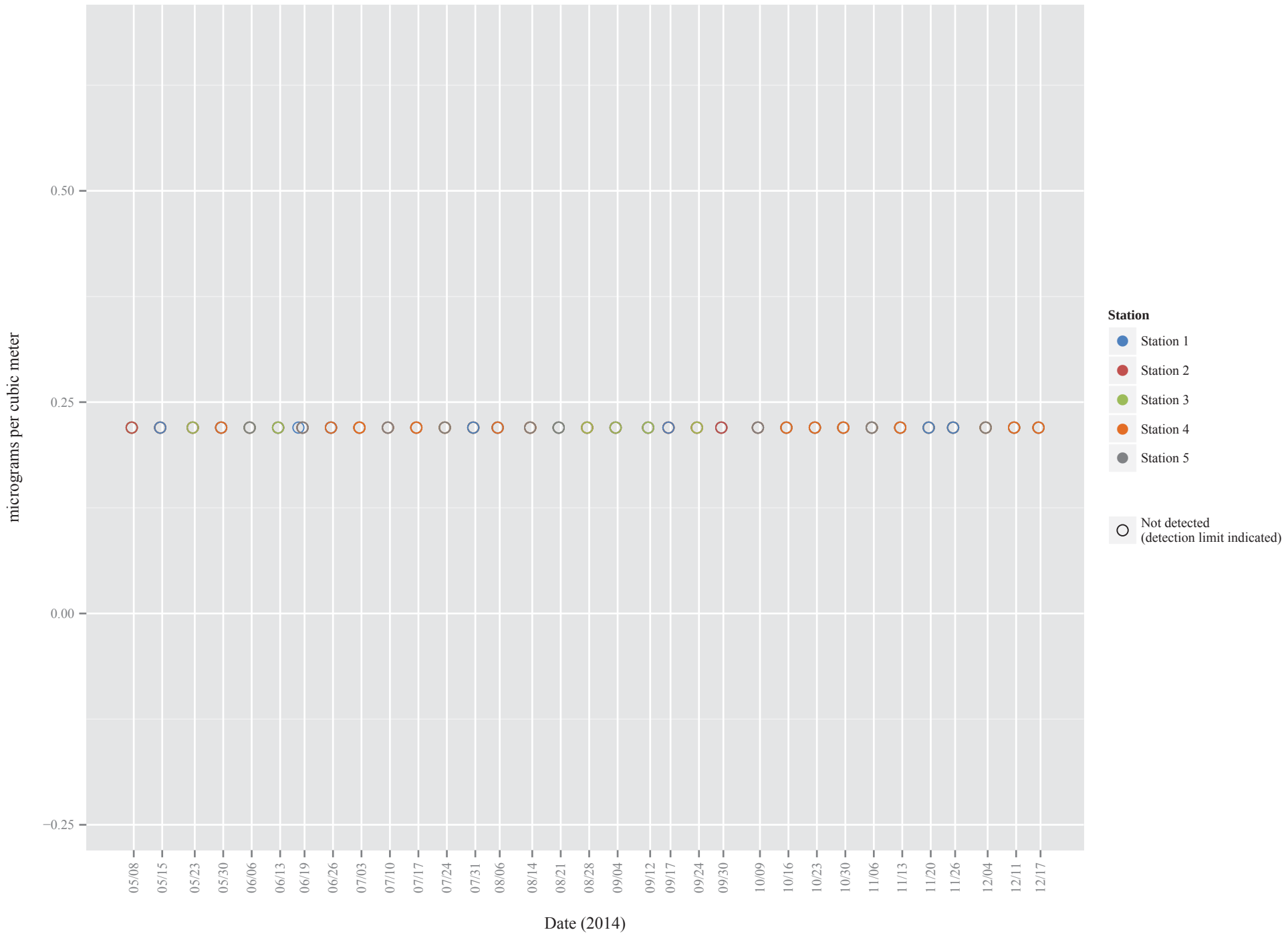


Exhibit C−37
Trichloroethene

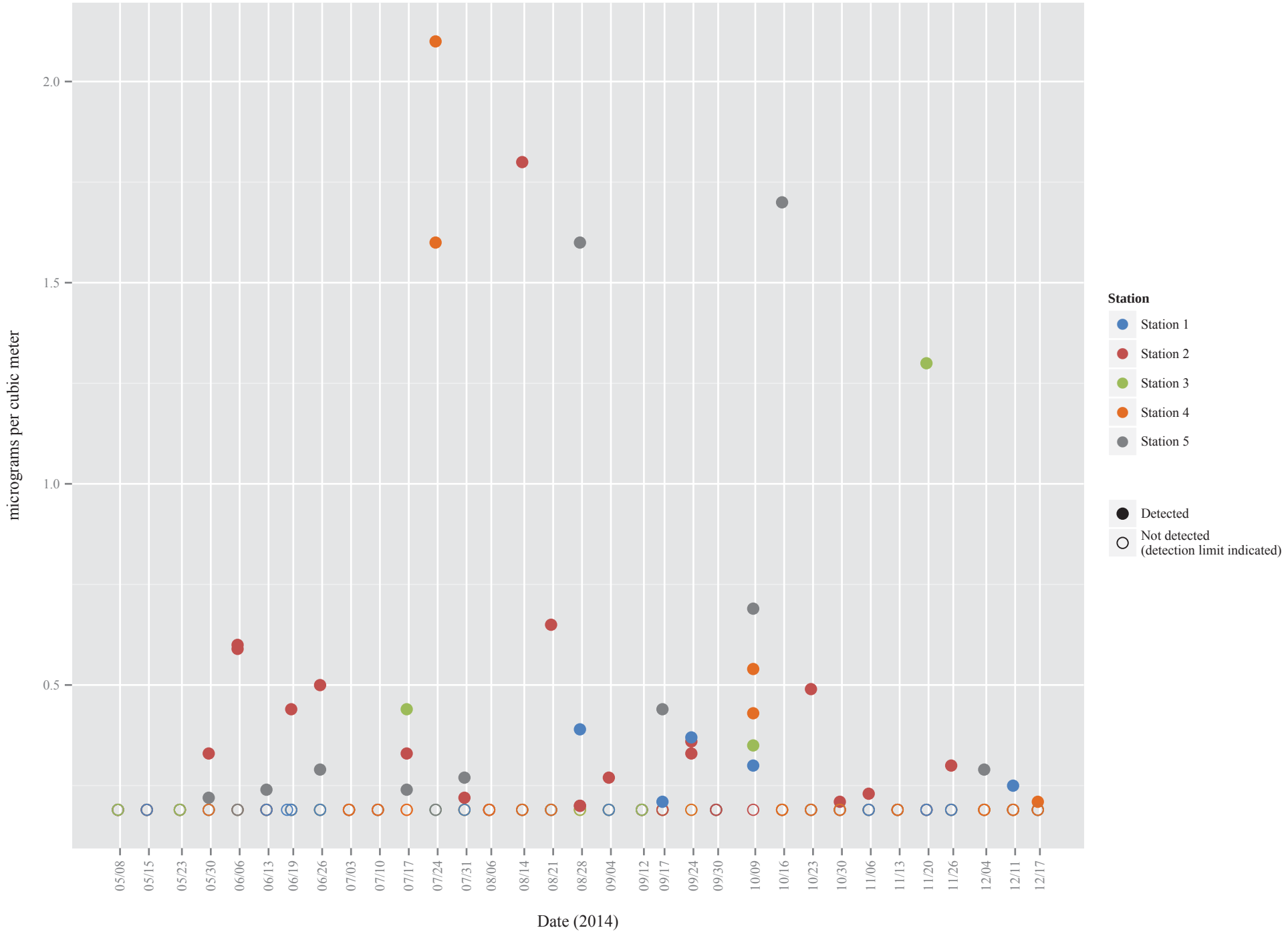


Exhibit C−38
Trichlorofluoromethane

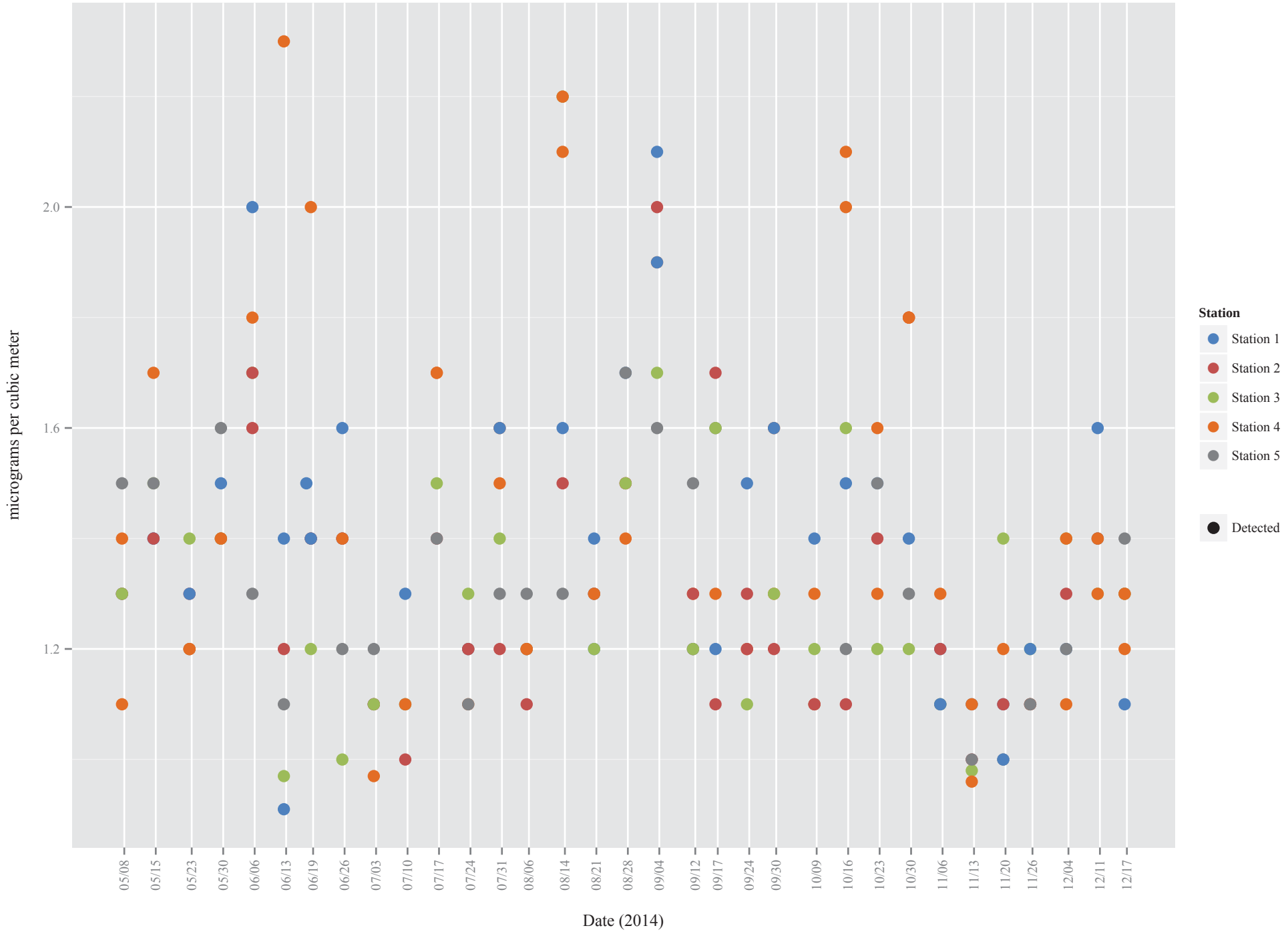
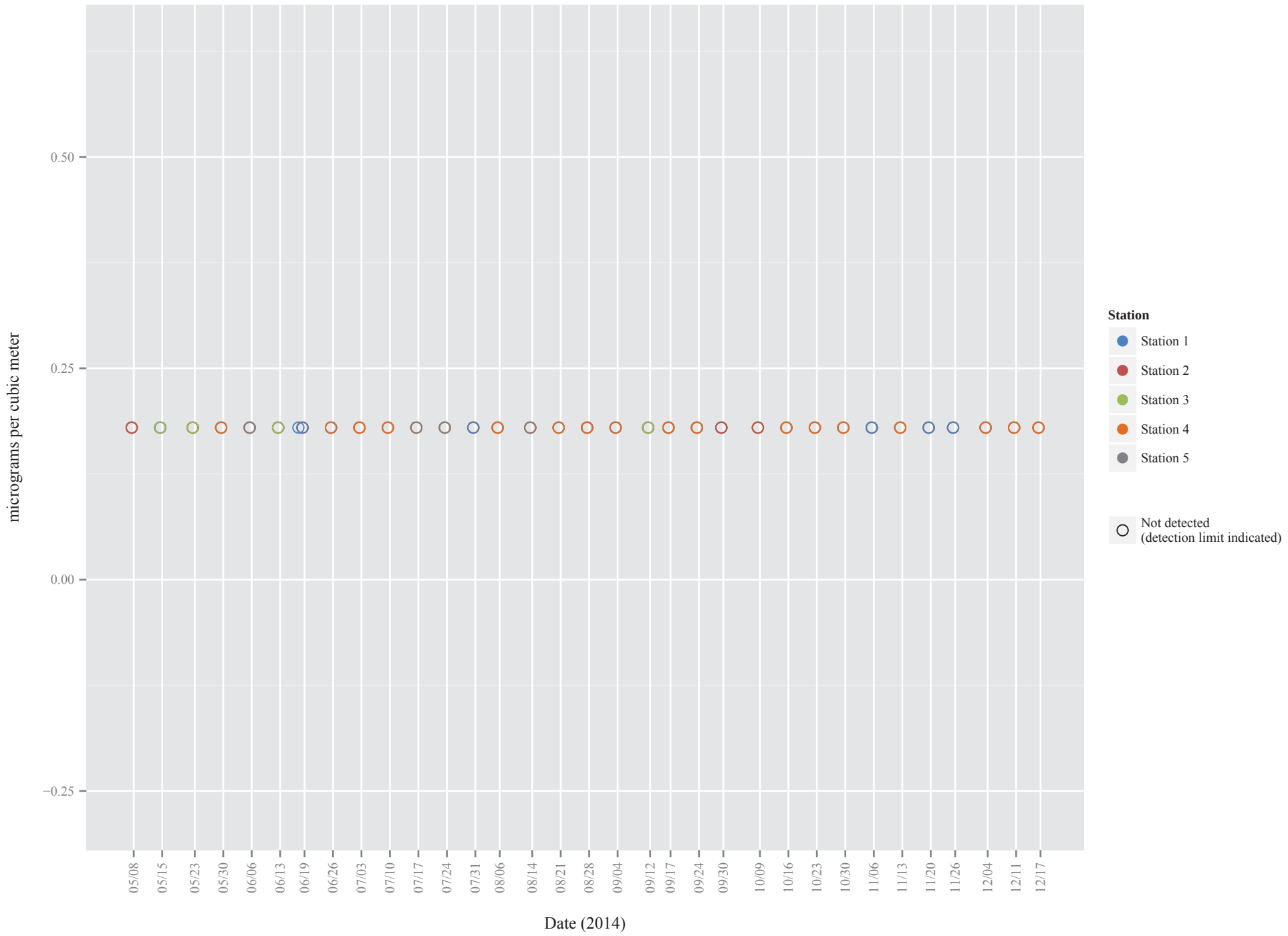


Exhibit C−39
Vinyl chloride



APPENDIX D

FREQUENCY OF DETECTION SUMMARY AND STATISTICAL ANALYSIS RESULTS

TABLE D-1
COMPARISON OF VOLATILE ORGANIC COMPOUND RESULTS AT OFF-SITE AIR MONITORING STATIONS
WEST LAKE LANDFILL, BRIDGETON, MISSOURI

Volatile Organic Compound[1]	**Frequency of Detection**[2]						**Results of Statistical Comparison Between Monitoring Stations**[3]	
	Station 1	Station 2	Station 3	Station 4	Station 5	Total	Comparison Between Off-Site WLLS Stations (Stations 1-5)[4]	Comparison Between Off-Site WLLS Stations (Stations 1-5) and the St. Louis NATTS (2014)[5]
Dichlorodifluoromethane	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	No significant difference (*p-value* = 0.9017)	NATTS tended to have higher measurements than Stations 1 - 5 (*p-value* = 5.606e-08)
1,1,2-Trichloro-1,2,2-trifluoroethane	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	No significant difference (*p-value* = 0.09991)	NATTS tended to have higher measurements than Stations 1, 3, 4, and 5 (*p-value* = 6.567e-06)
Trichlorofluoromethane	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	No significant difference (*p-value* = 0.5847)	No significant difference (*p-value* = 0.3272)
Chloromethane	100.0%	97.3%	100.0%	100.0%	100.0%	99.5%	No significant difference (*p-value* = 0.9399)	No significant difference (*p-value* = 0.9383)
Carbon tetrachloride	100.0%	94.6%	97.0%	94.2%	96.8%	96.5%	No significant difference (*p-value* = 0.709)	St. Louis NATTS tended to have higher measurements than Stations 1-5 (*p-value* < 2.2e-16)
Benzene	92.7%	97.3%	90.9%	92.3%	96.8%	94.0%	No significant difference (*p-value* = 0.8804)	St. Louis NATTS tended to have higher measurements than Stations 1, 2, 4, and 5 (*p-value* = 1.172e-11)
Toluene	80.5%	91.9%	81.8%	80.8%	87.1%	84.4%	No significant difference (*p-value* = 0.2177)	No significant difference (*p-value* = 0.09948)
m-Xylene & p-Xylene	53.7%	48.6%	51.5%	51.9%	51.6%	51.5%	No significant difference (*p-value* = 0.9578)	No significant difference (*p-value* = 0.9796)
Methylene chloride	58.5%	51.4%	45.5%	44.2%	48.4%	49.6%	No significant difference (*p-value* = 0.06171)	Difference detected among Stations 1-5 and the St. Louis NATTS station (*p-value* = 6.578e-08). A post-hoc analysis indicated Stations 1, 2, 4, and 5 tended to have higher measurements than the St. Louis NATTS.
o-Xylene	39.0%	40.5%	39.4%	42.3%	35.5%	39.4%	No significant difference (*p-value* = 0.9853)	No significant difference (*p-value* = 0.8836)
Chloroform	29.3%	43.2%	39.4%	32.7%	25.8%	34.1%	No significant difference (*p-value* = 0.6528)	No significant difference (*p-value* = 0.3261)
Ethylbenzene	31.7%	27.0%	30.3%	28.8%	29.0%	29.4%	No significant difference (*p-value* = 0.8169)	No significant difference (*p-value* = 0.5016)
Trichloroethene	12.2%	48.6%	9.1%	9.6%	32.3%	22.4%	Station 2 tended to have higher measurements than Stations 1, 3, and 4 (*p-value* = 1.858e-05)	Stations 2 and 5 tended to have higher measurements than the St. Louis NATTS (*p-value* = 3.118e-11)
1,2,4-Trimethylbenzene	17.1%	13.5%	27.3%	19.2%	19.4%	19.3%	No significant difference (*p-value* = 0.7153)	No significant difference (*p-value* = 0.2058)
Chloroethane	19.5%	24.3%	15.2%	17.3%	16.1%	18.5%	No significant difference (*p-value* = 0.924)	No significant difference (*p-value* = 0.929)
Tetrachloroethene	22.0%	10.8%	6.1%	7.7%	16.1%	12.5%	No significant difference (*p-value* = 0.2271)	No significant difference (*p-value* = 0.05551)

TABLE D-1
COMPARISON OF VOLATILE ORGANIC COMPOUND RESULTS AT OFF-SITE AIR MONITORING STATIONS
WEST LAKE LANDFILL, BRIDGETON, MISSOURI

Volatile Organic Compound[1]	Frequency of Detection[2]						Results of Statistical Comparison Between Monitoring Stations[3]	
	Station 1	Station 2	Station 3	Station 4	Station 5	Total	Comparison Between Off-Site WLLS Stations (Stations 1-5)[4]	Comparison Between Off-Site WLLS Stations (Stations 1-5) and the St. Louis NATTS (2014)[5]
Styrene	31.7%	0.0%	3.0%	3.8%	6.5%	9.0%	Difference detected among Stations 1-5 (*p-value* = 9.834e-06), but a post-hoc multiple comparison analysis was inconclusive. The box plots suggest Station 2 tended to have higher measurements than the other off-site WLLS stations.	Difference detected among Stations 1-5 and the St. Louis NATTS (*p-value* = 3.3e-05), but a post-hoc analysis was inconclusive regarding a St. Louis NATTS (as control) to Station 1 - 5 (as treatments) comparison. The box plots suggest Station 1 tended to have higher measurements than the St. Louis NATTS.
Bromomethane	4.9%	5.4%	15.2%	11.5%	3.2%	8.0%	No significant difference (*p-value* = 0.2639)	No significant difference (*p-value* = 0.1517)
1,4-Dichlorobenzene	4.9%	2.7%	9.1%	5.8%	9.7%	6.4%	No significant difference (*p-value* = 0.758)	No significant difference (*p-value* = 0.7008)
Hexachlorobutadiene	0.0%	2.7%	0.0%	0.0%	3.2%	1.2%	*Less than 2% detects*[6]	*Less than 2% detects*[6]
1,3-Dichlorobenzene	0.0%	2.7%	3.0%	0.0%	0.0%	1.1%	*Less than 2% detects*[6]	*Less than 2% detects*[6]
1,2-Dichloroethane	0.0%	0.0%	0.0%	1.9%	3.2%	1.0%	*Less than 2% detects*[6]	*Less than 2% detects*[6]
1,2-Dichlorobenzene	0.0%	0.0%	3.0%	0.0%	0.0%	0.6%	*Less than 2% detects*[6]	*Less than 2% detects*[6]
1,2,4-Trichlorobenzene	0.0%	0.0%	0.0%	0.0%	3.2%	0.6%	*Less than 2% detects*[6]	*Less than 2% detects*[6]
1,1-Dichloroethene	2.4%	0.0%	0.0%	0.0%	0.0%	0.5%	*Less than 2% detects*[6]	*Less than 2% detects*[6]
1,1-Dichloroethane	0.0%	0.0%	0.0%	1.9%	0.0%	0.4%	*Less than 2% detects*[6]	*Less than 2% detects*[6]
cis-1,2-Dichloroethene	0.0%	0.0%	0.0%	1.9%	0.0%	0.4%	*Less than 2% detects*[6]	*Less than 2% detects*[6]

Notes:

[1] Volatile organic compounds listed in decending rank according to overall percent detection. VOCs with no detections at any of the off-site WLLS station are not shown.

[2] Unless indicated, the frequency of detection relates to the occurance of laboratory-reported "non-detect" results (VOCs not detected above the laboratory detection limit). Percentages marked "B" indicate the frequency of detection was affected by results coded "UJB" or "UB" by the data validator (indicating a result was similar to the concentration detected in the laboratory blank); these results are not counted as detected. Compounds with a detection in either the sample or its duplicate were counted as one detect.

[3] Results from the statistical software package R version 3.1.2 using the non-parametric Kruskal-Wallis test to compare the mean/median characteristics of the compounds among the monitoring stations. A p-value equal to or less than 0.05 suggests that there are significant differences in mean/median characteristics among the stations. A p-value of greater than 0.05 suggests that the mean/median characteristics among the stations are comparable.

[4] Shading in this column indicates a difference was detected.

[5] Shading in this column indicates one or more off-site WLLS stations (Stations 1 - 5) tended to have measurements higher than the St. Louis NATTS.

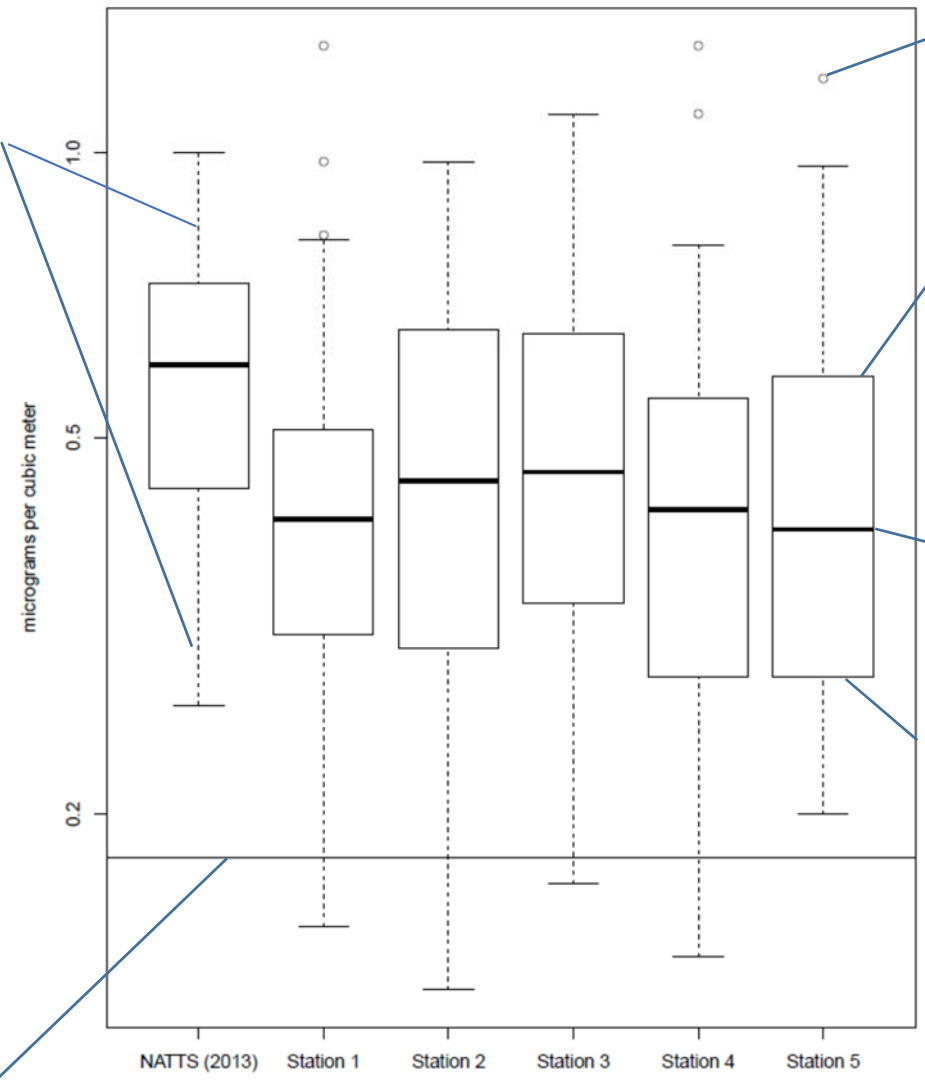
[6] Data did not undergo statistical testing as the limited detections (less than 2% total detections among the off-site WLLS stations) would provide little information regarding distributions. Moreover, no off-site WLLS station appears to have a significantly higher or lower rate of detection than any other station (detections of these compounds ranged from 0 to 3.2%).

APPENDIX E

BOXPLOTS OF STATIONS 1–5 AND ST. LOUIS NATTS DATA

BOXPLOT DESCRIPTION AND KEY

Boxplots render visual comparisons of data by displaying relative positions of the 25th, 50th, and 75th percentiles, and also individual outlier data points. The "NADA" (Nondetects and Data Analysis for environmental data) for the statistical software package R was used to create "censored" boxplots of the volatile organic compound (VOC) data. In constructing the censored boxplots, the NADA software accounts for non-detect values and displays a horizontal line across the boxplots representing the maximum "less than" value in the data. Boxplot elements above the line are statistically accurate, but boxplot elements below the line represent only estimated percentiles (based on the distribution of the uncensored data).



The **upper and lower dashed lines, or "whiskers,"** represent the presence of data beyond the box up to 1.5 times the length of the box. Those data points that lie outside the length of the box and "whiskers" are typically considered statistical outliers, and are represented by open circles.

Open circles indicates a result that is a statistical outlier.

The **upper limit** of the box represents the 75th percentile concentration.

The heavy solid line represents the median (50th percentile) concentration.

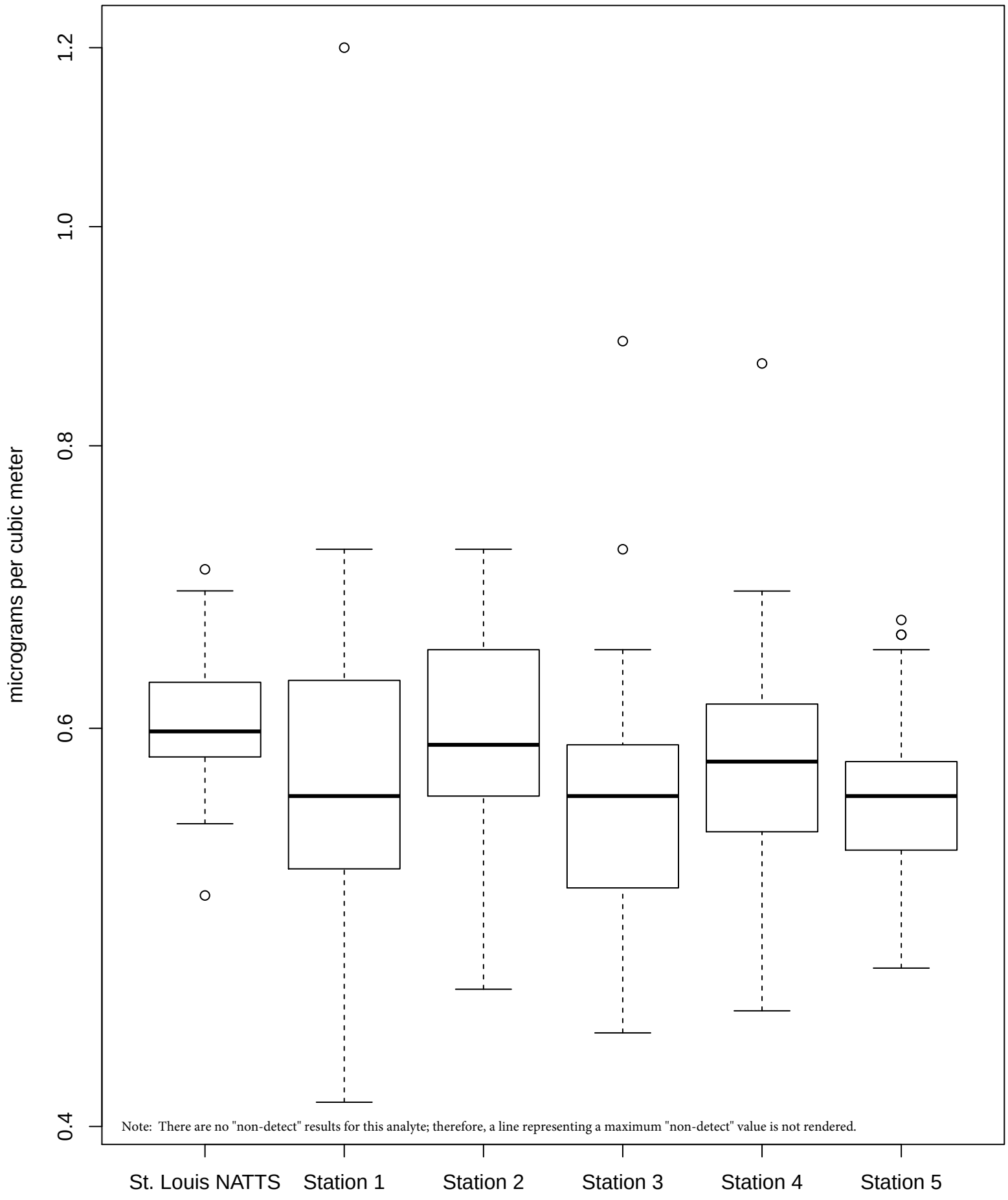
The **lower limit** of the box represent the 25th percentile concentration.

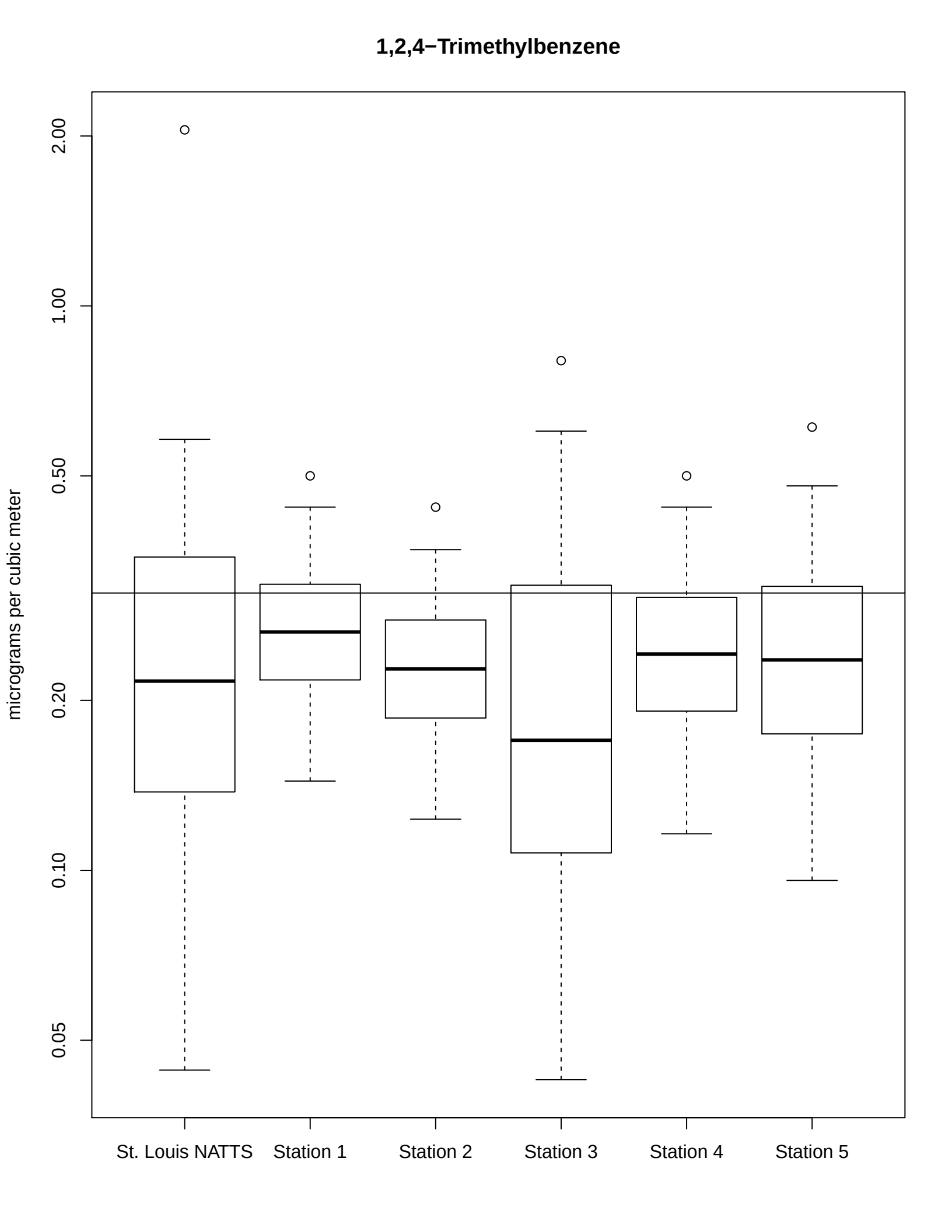
This line represents the maximum "less than" (or non-detect) value in the data

The St. Louis National Air Toxics Trends Site (NATTS) monitoring station in downtown St. Louis.

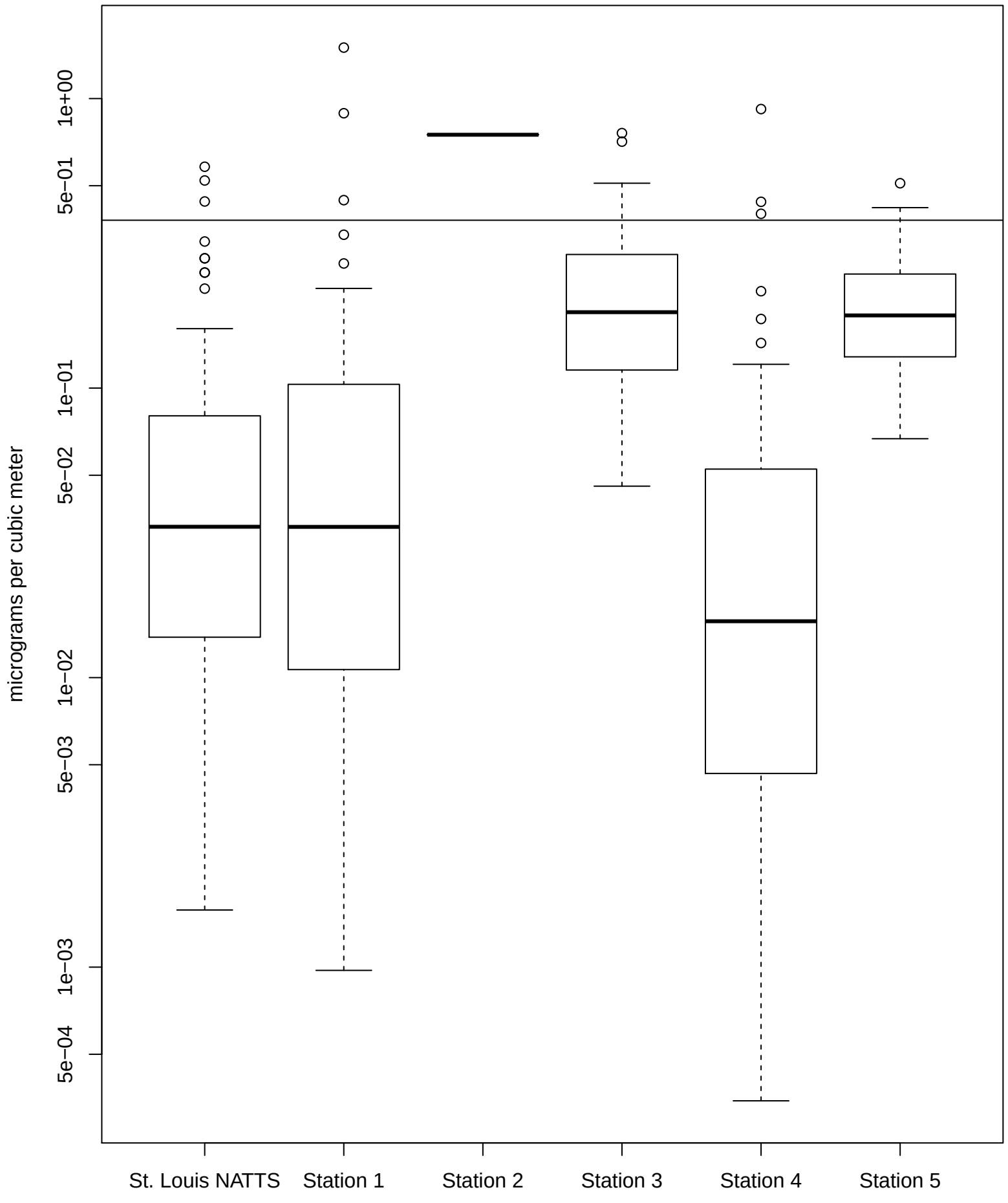
The five stations off-site air monitoring stations surrounding the West Lake Landfill site

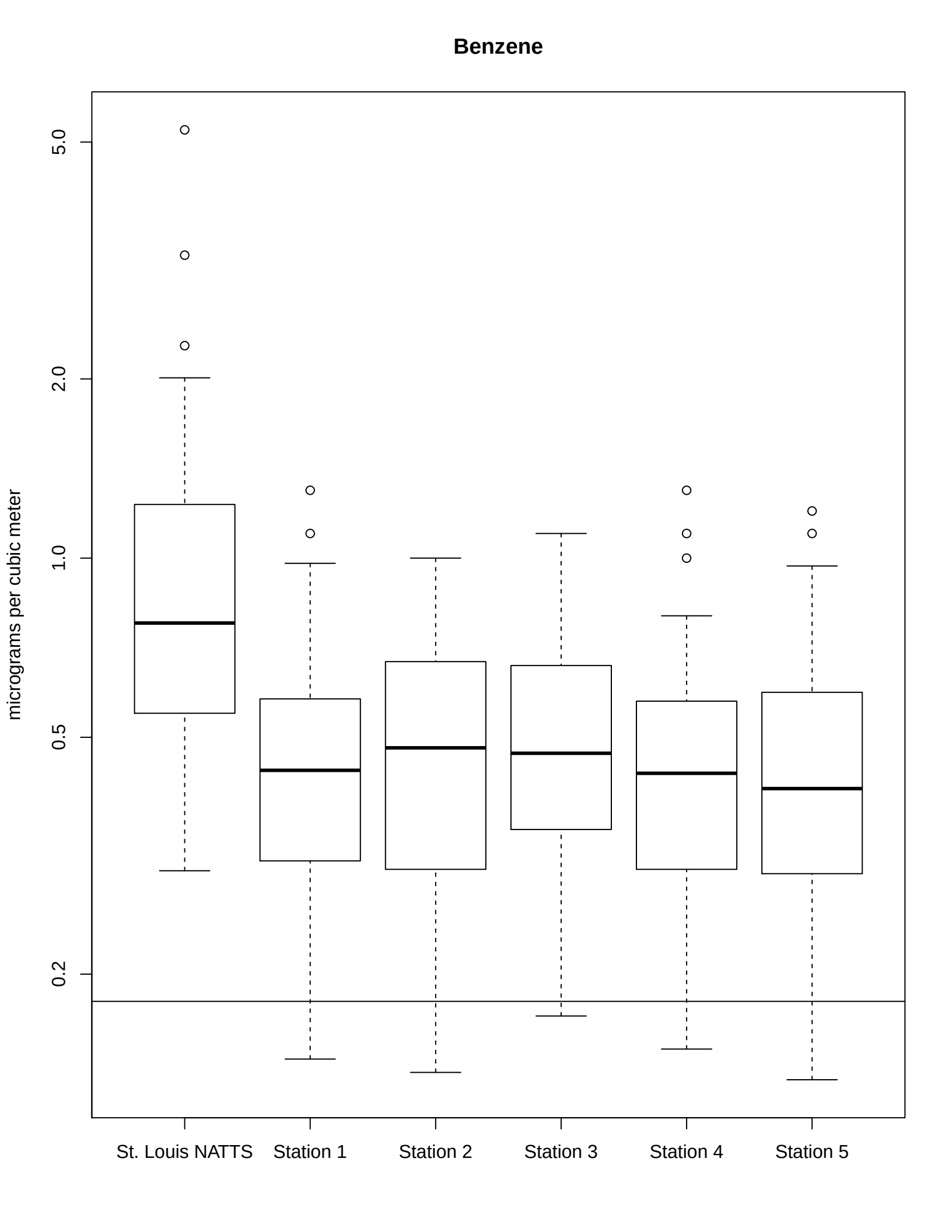
1,1,2−Trichloro−1,2,2−trifluoroethane

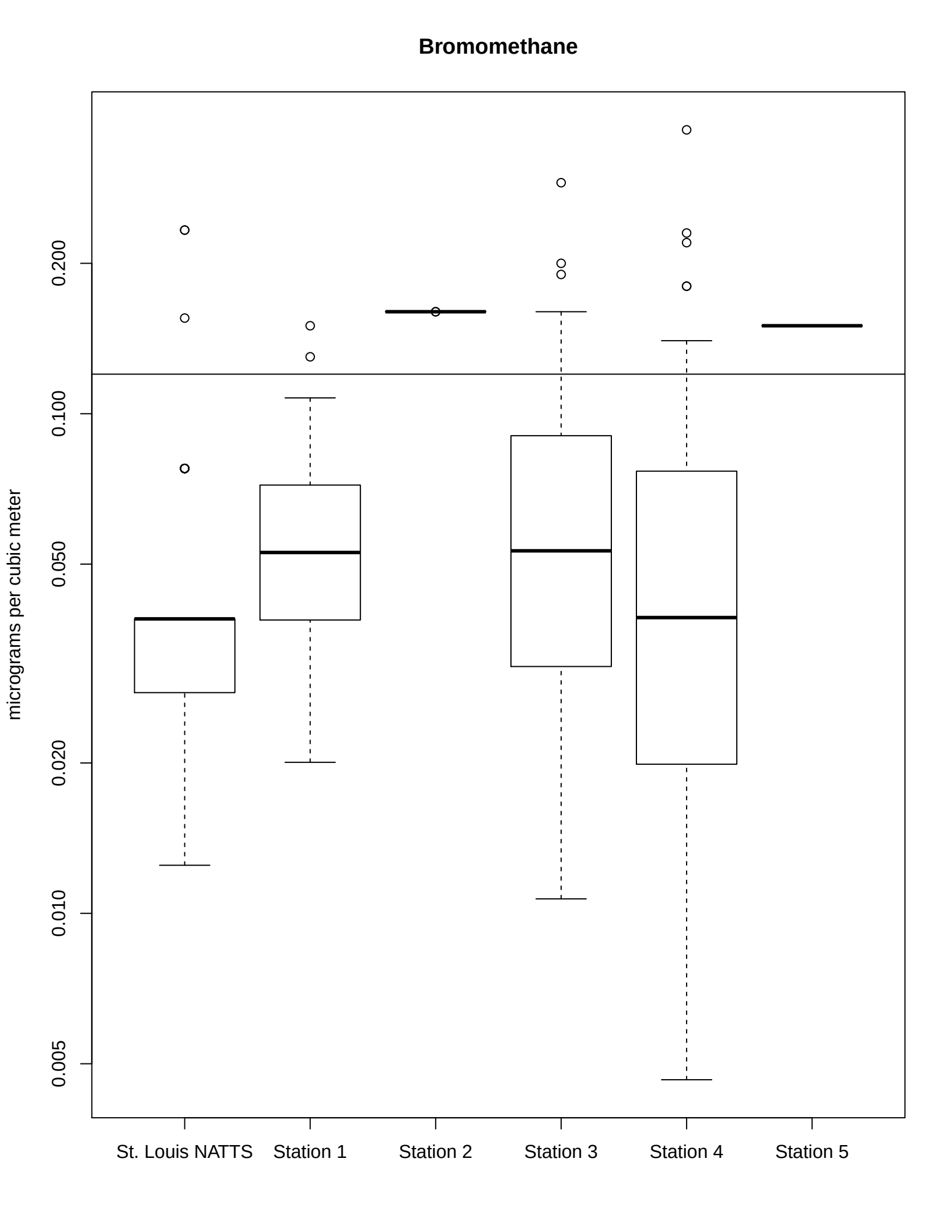


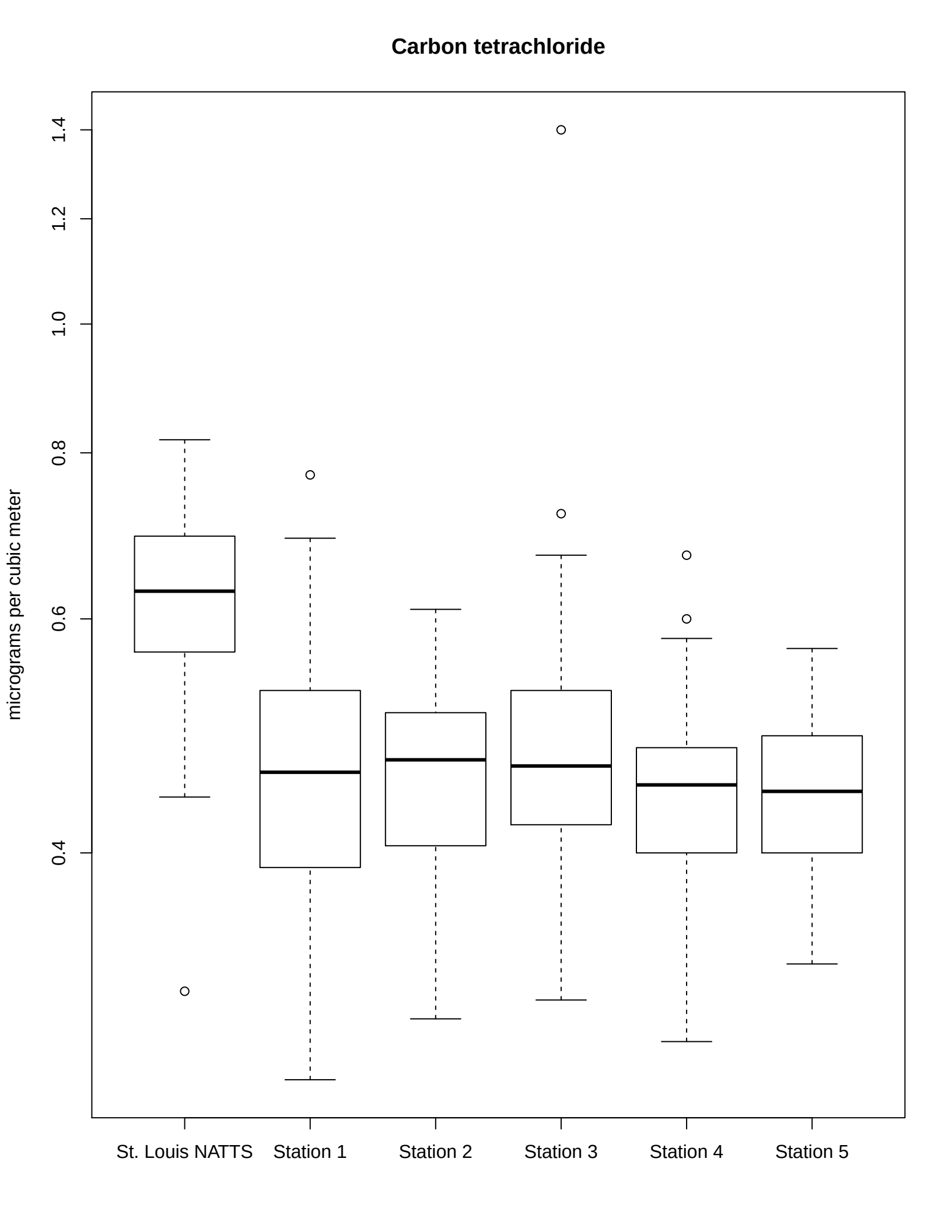

1,2,4−Trimethylbenzene
micrograms per cubic meter
2.00
1.00
0.50
0.20
0.10
0.05
St. Louis NATTS
Station 1
Station 2
Station 3
Station 4
Station 5

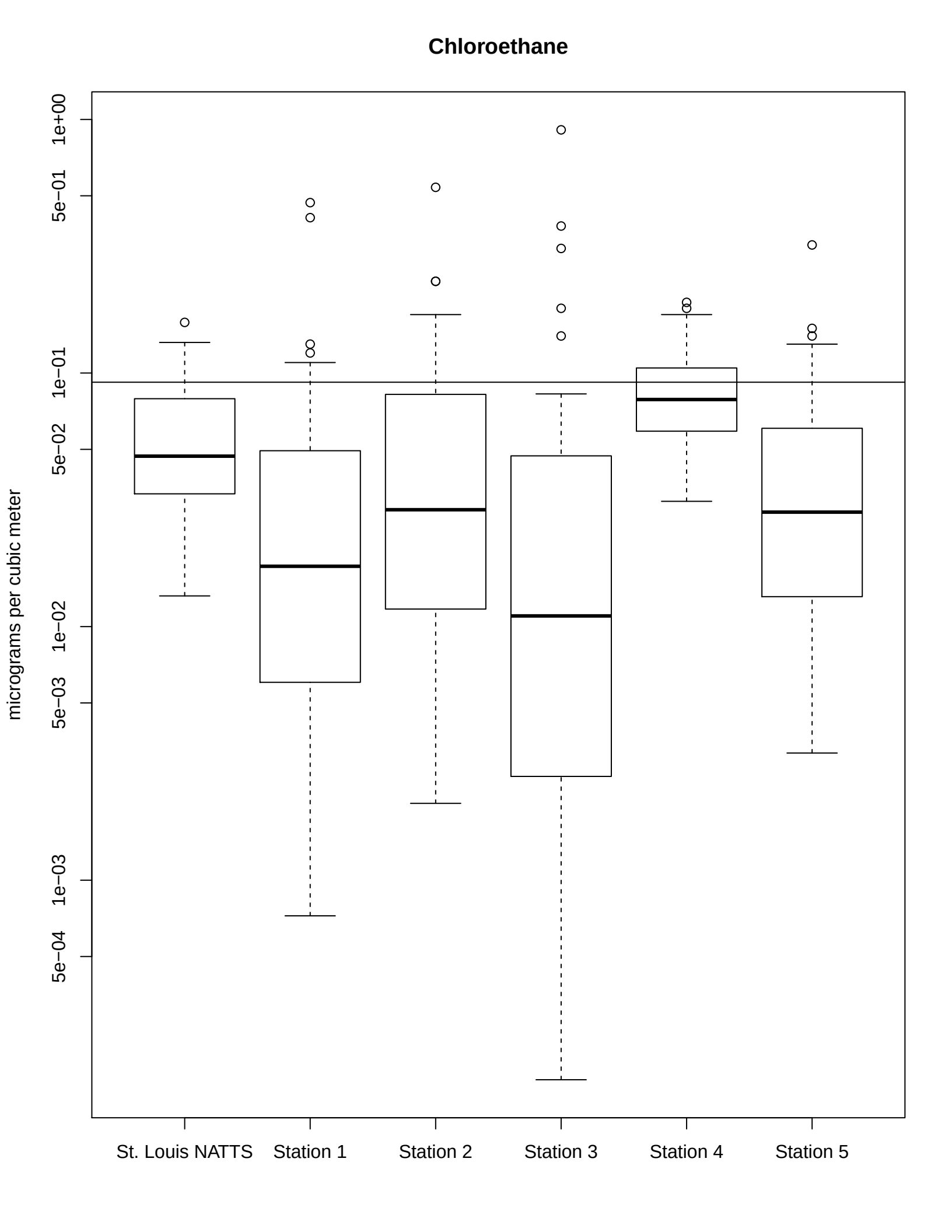
1,4−Dichlorobenzene

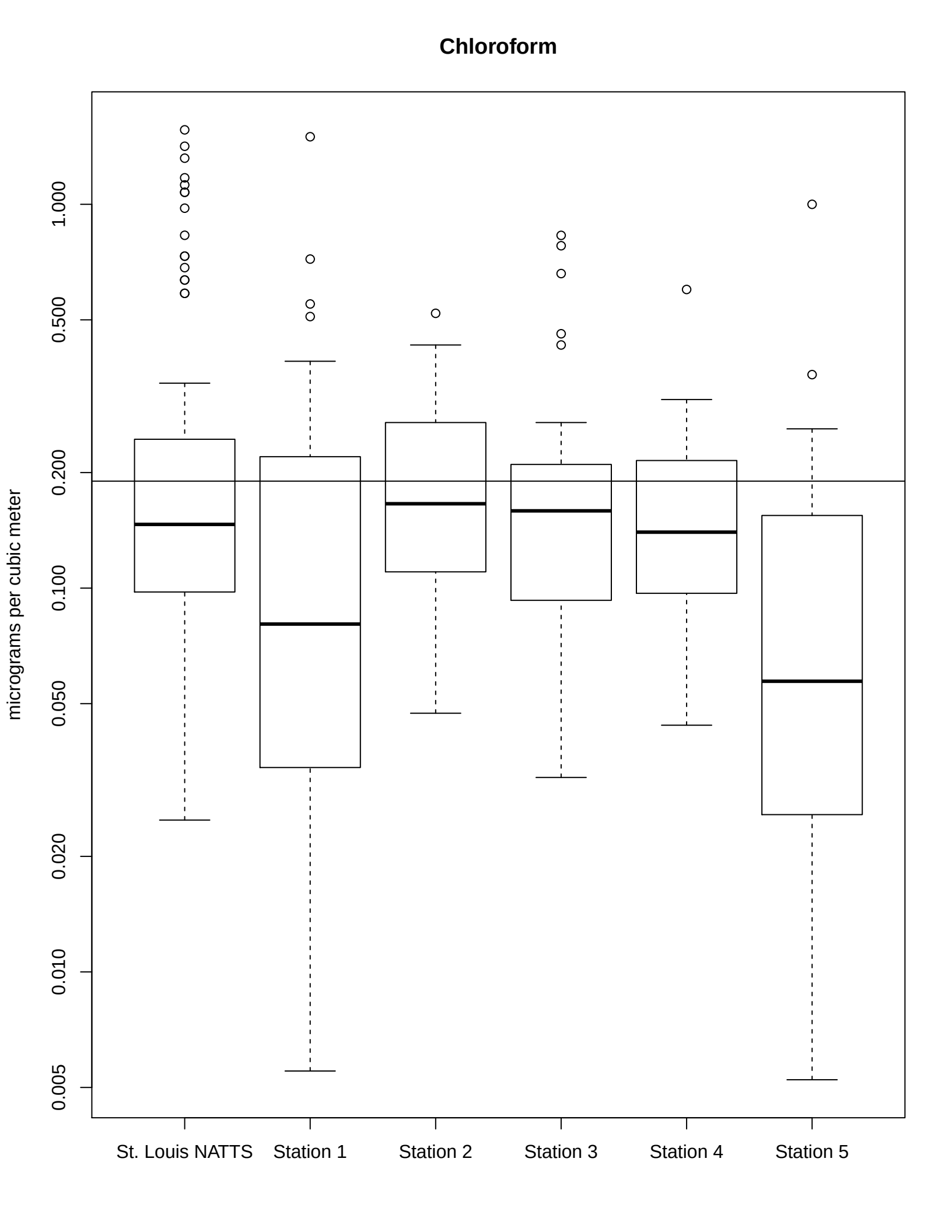



Benzene
micrograms per cubic meter
5.0
2.0
1.0
0.5
0.2
St. Louis NATTS
Station 1
Station 2
Station 3
Station 4
Station 5

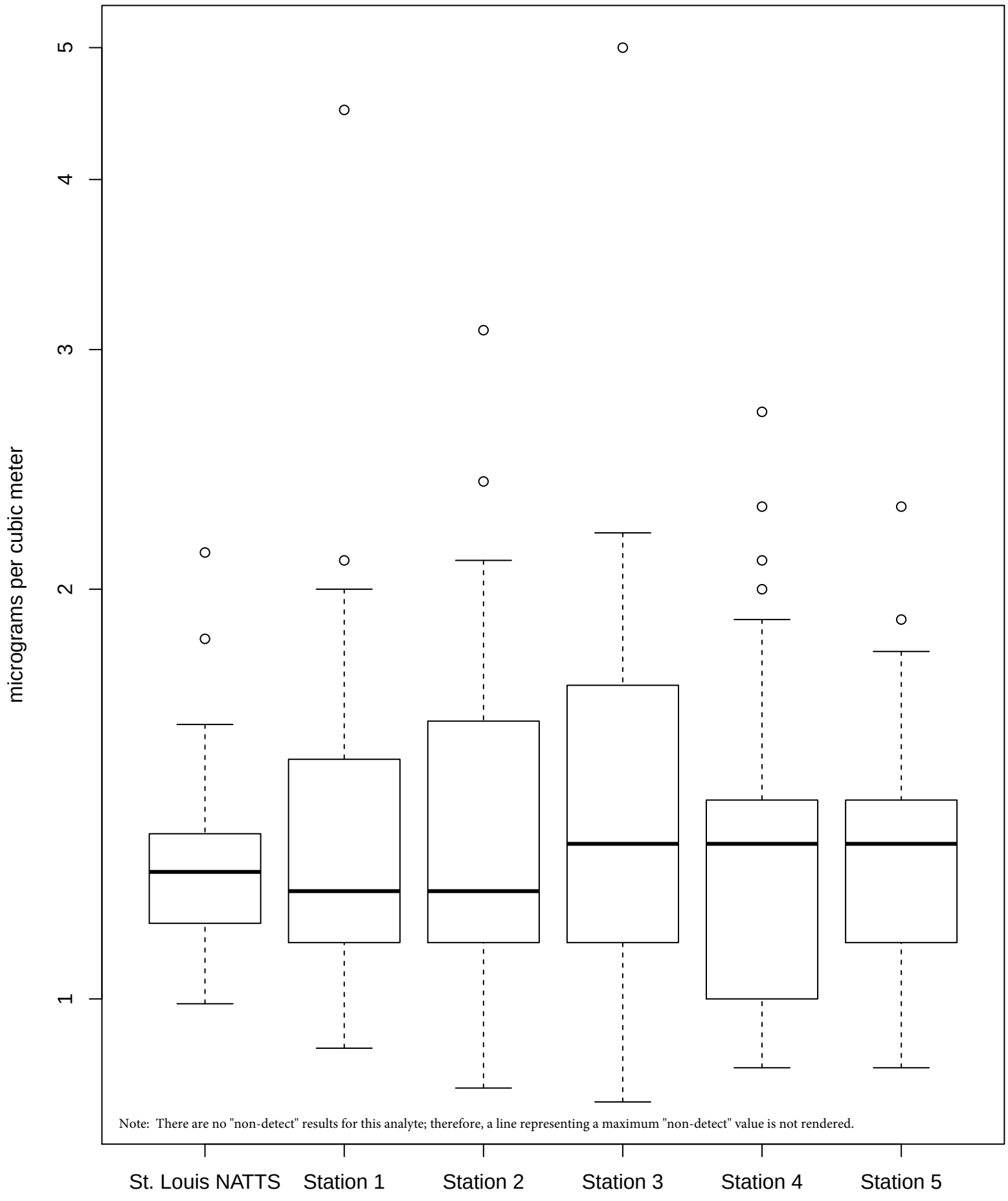

Bromomethane
micrograms per cubic meter
0.005
0.010
0.020
0.050
0.100
0.200
St. Louis NATTS
Station 1
Station 2
Station 3
Station 4
Station 5

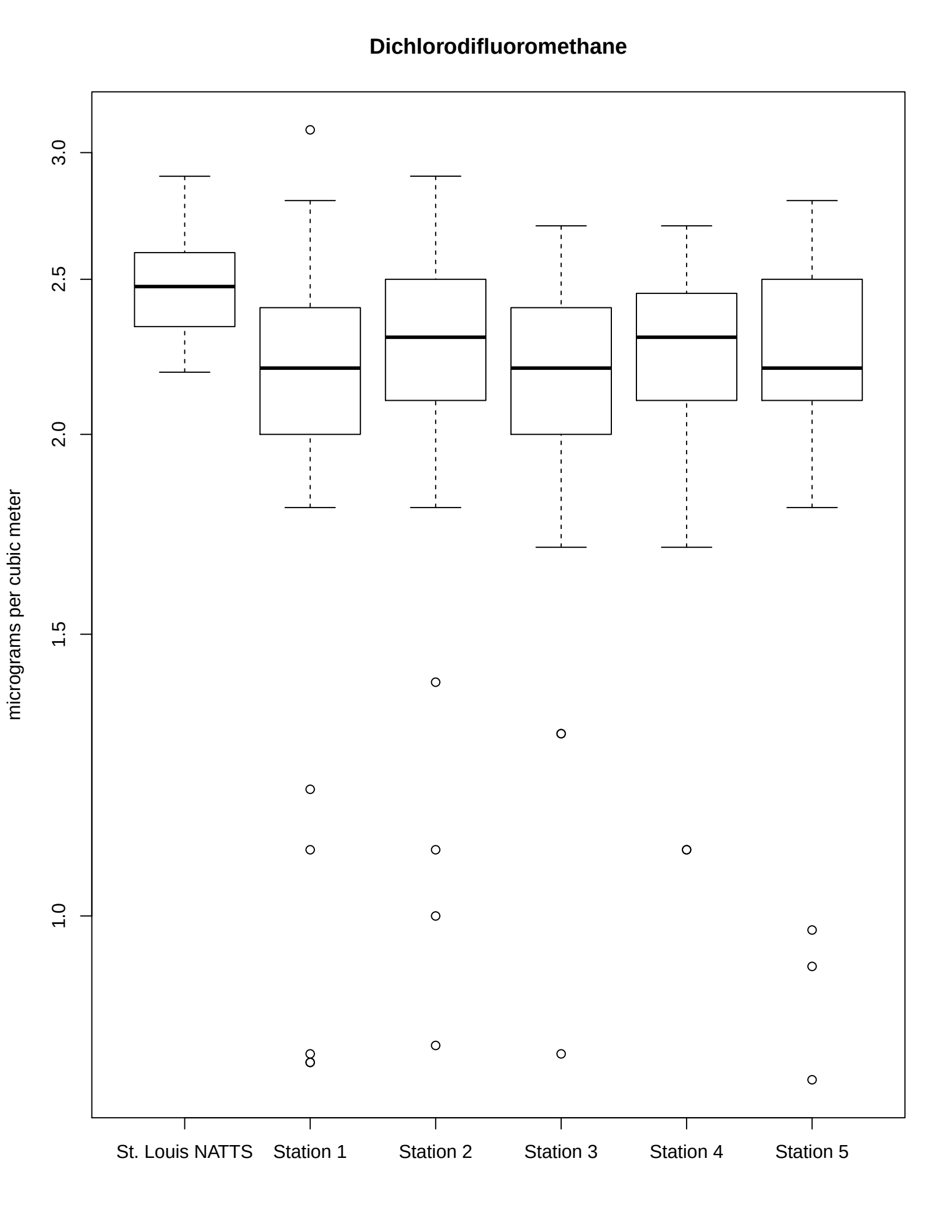

Carbon tetrachloride
micrograms per cubic meter
0.4
0.6
0.8
1.0
1.2
1.4
St. Louis NATTS
Station 1
Station 2
Station 3
Station 4
Station 5

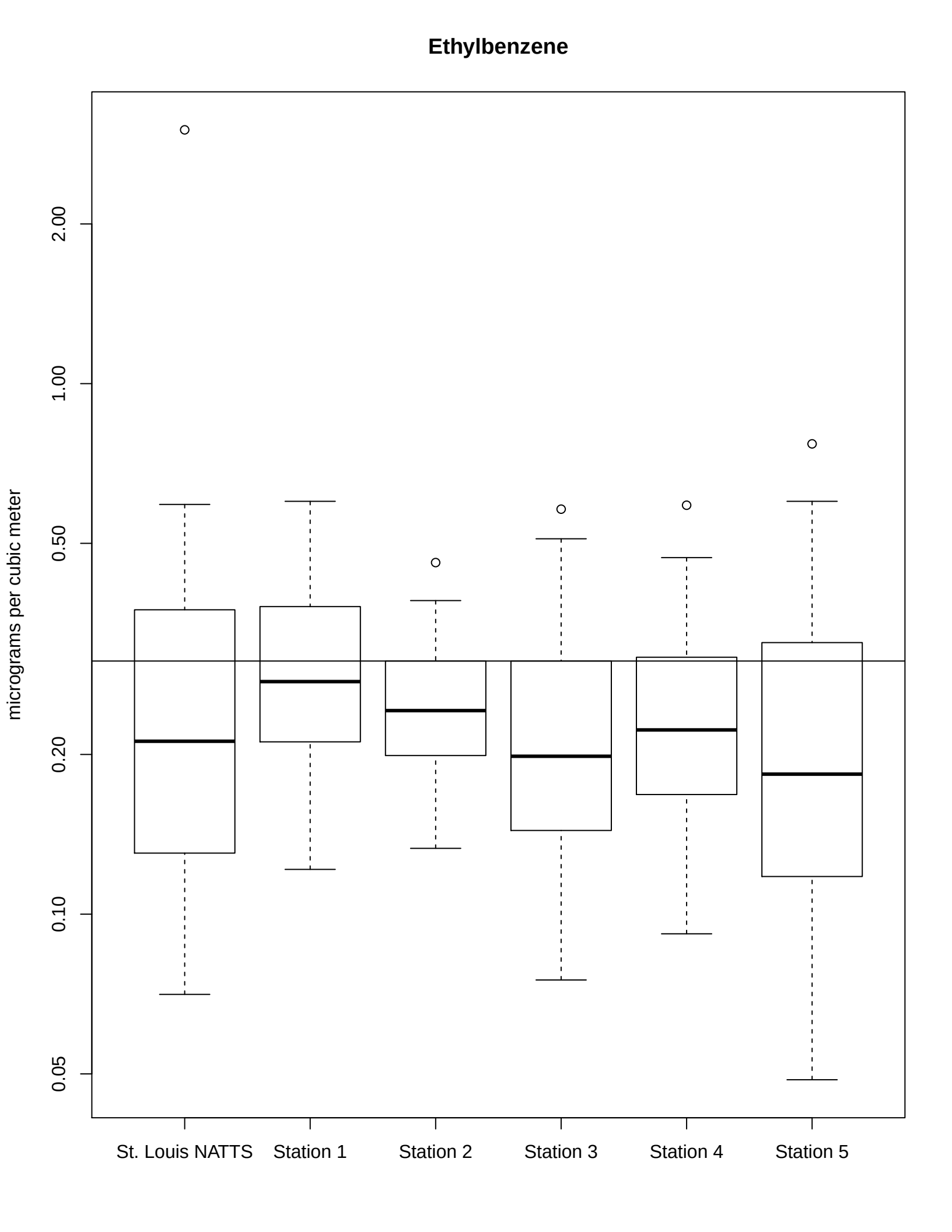

Chloroethane
micrograms per cubic meter
1e+00
5e−01
1e−01
5e−02
1e−02
5e−03
1e−03
5e−04
St. Louis NATTS
Station 1
Station 2
Station 3
Station 4
Station 5

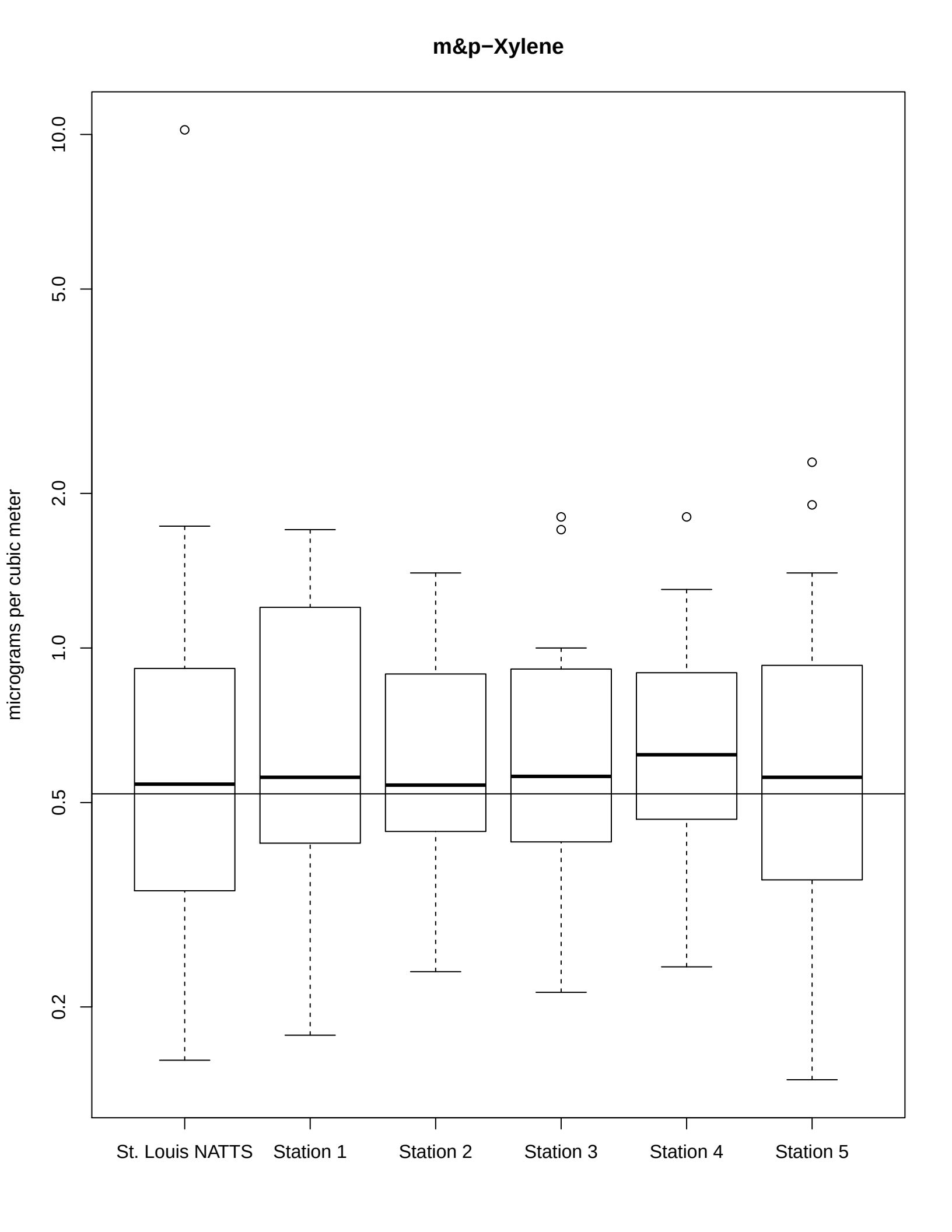

Chloroform
micrograms per cubic meter
0.005
0.010
0.020
0.050
0.100
0.200
0.500
1.000
St. Louis NATTS
Station 1
Station 2
Station 3
Station 4
Station 5

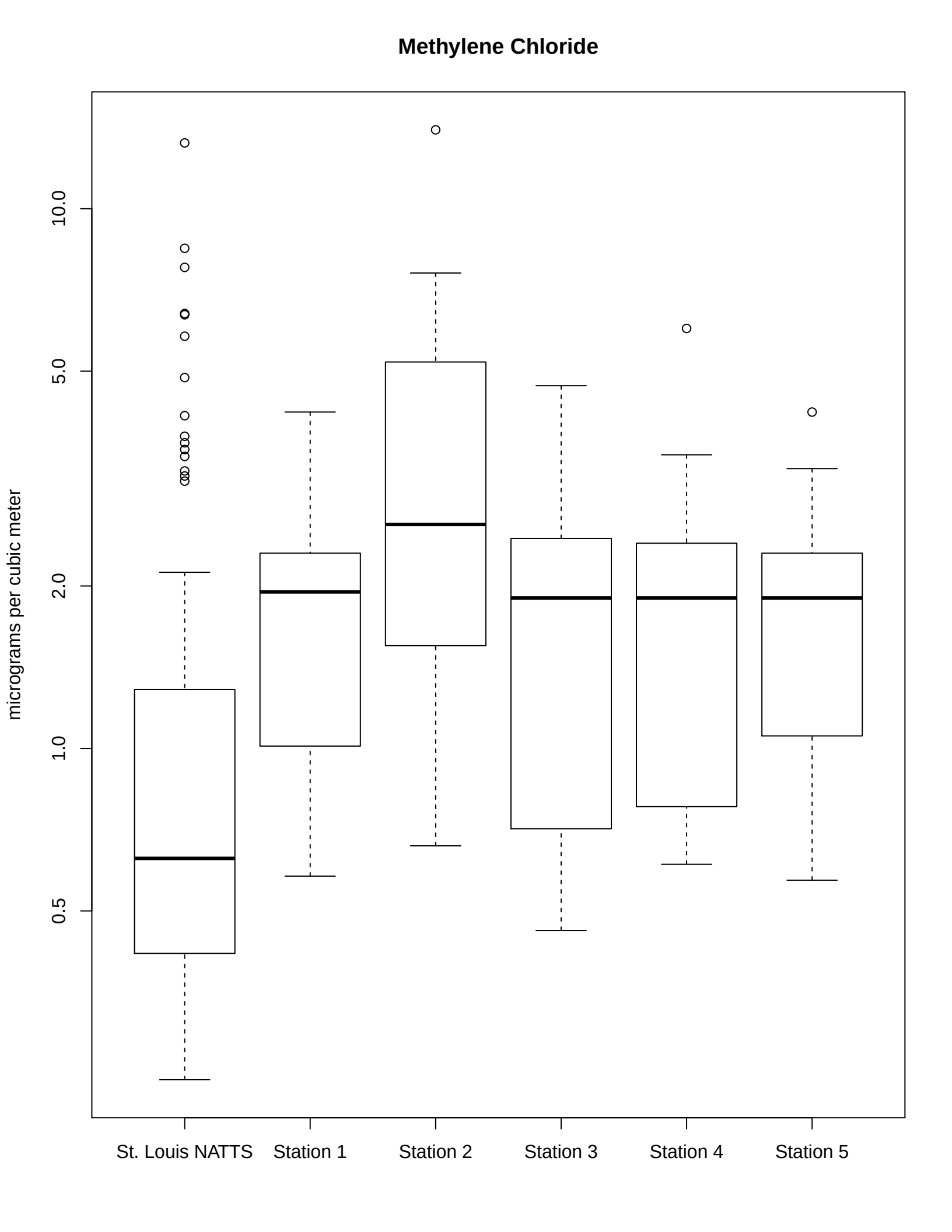
Chloromethane

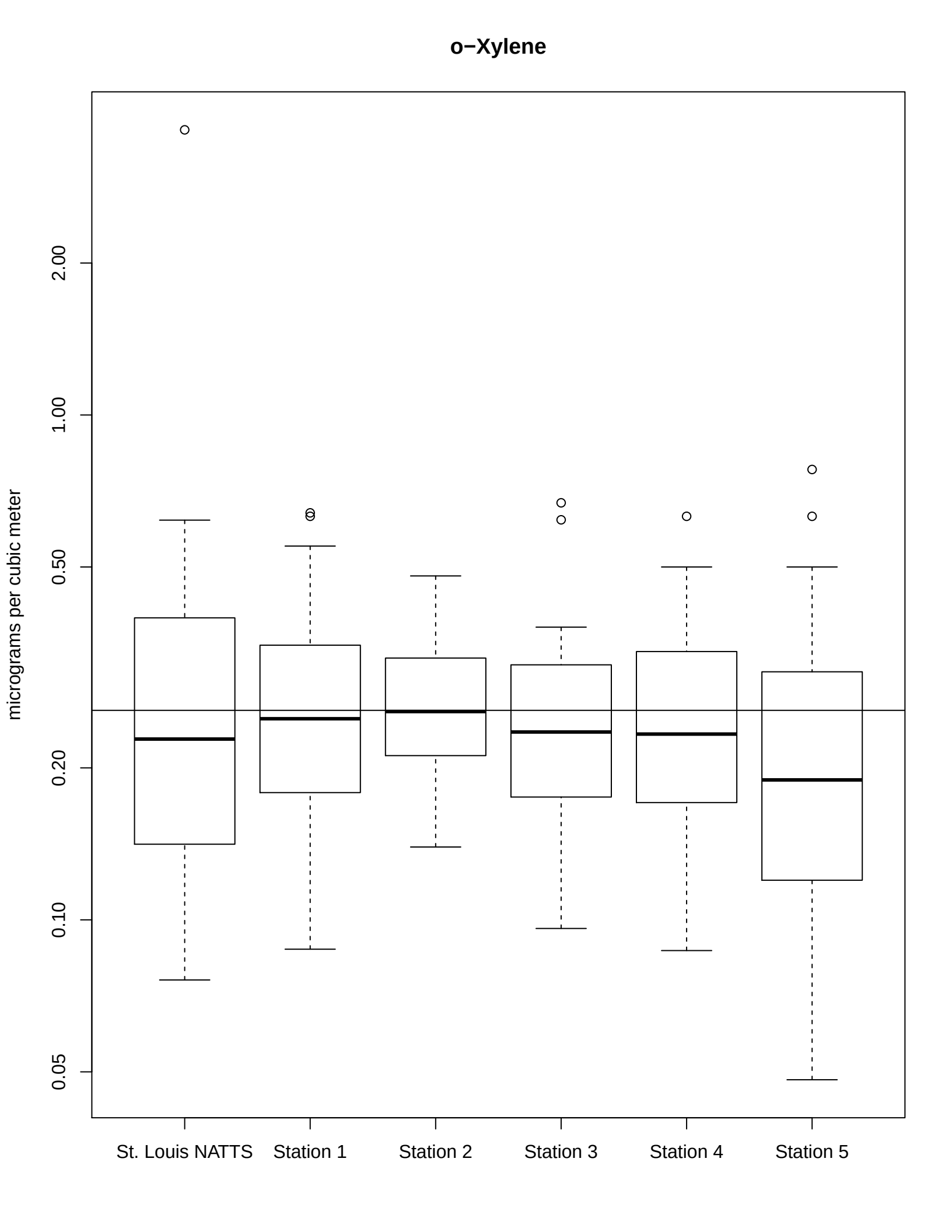



Dichlorodifluoromethane
micrograms per cubic meter
3.0
2.5
2.0
1.5
1.0
St. Louis NATTS
Station 1
Station 2
Station 3
Station 4
Station 5

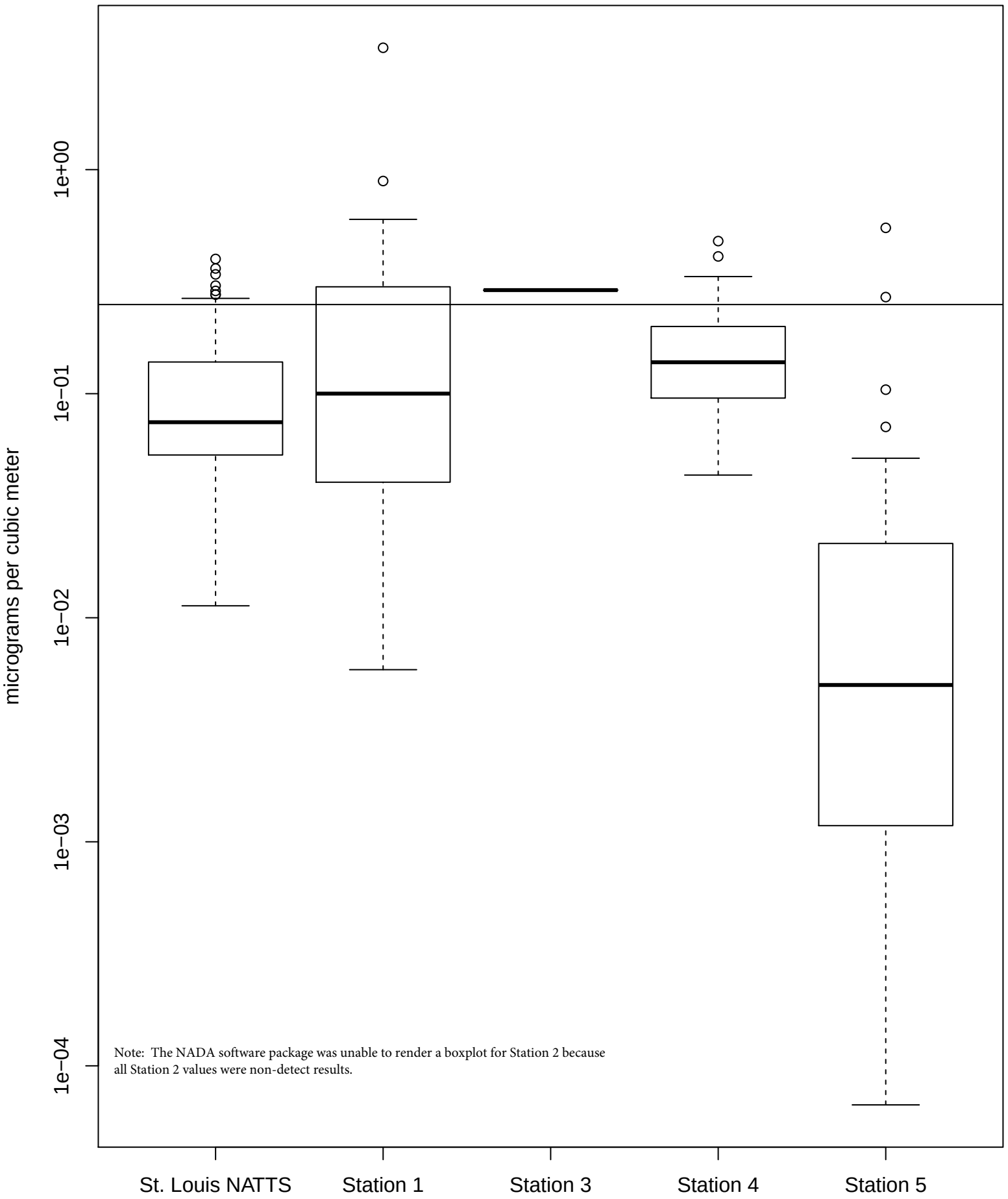

Ethylbenzene
micrograms per cubic meter
2.00
1.00
0.50
0.20
0.10
0.05
St. Louis NATTS
Station 1
Station 2
Station 3
Station 4
Station 5


m&p−Xylene
micrograms per cubic meter
10.0
5.0
2.0
1.0
0.5
0.2
St. Louis NATTS
Station 1
Station 2
Station 3
Station 4
Station 5

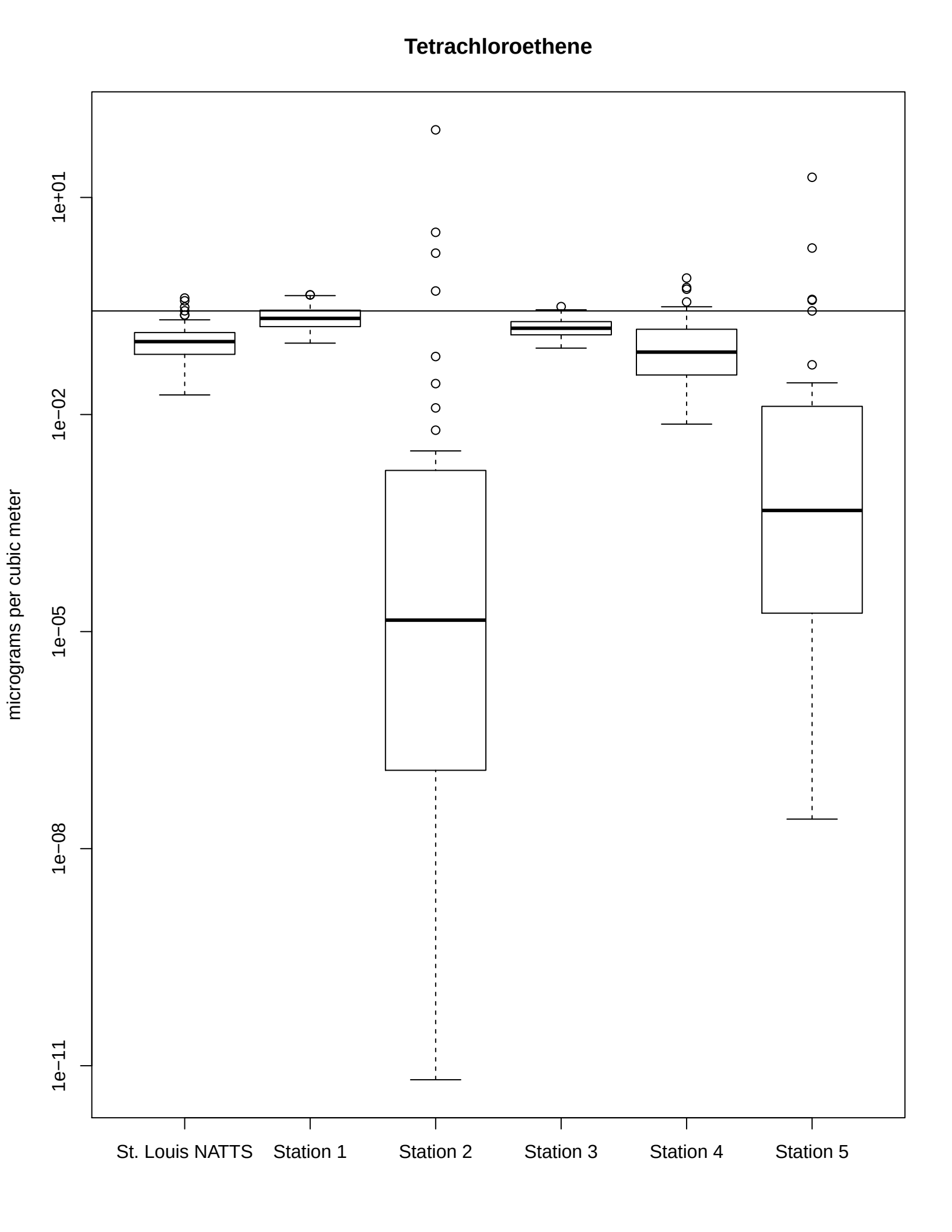

Methylene Chloride
micrograms per cubic meter
0.5
1.0
2.0
5.0
10.0
St. Louis NATTS
Station 1
Station 2
Station 3
Station 4
Station 5

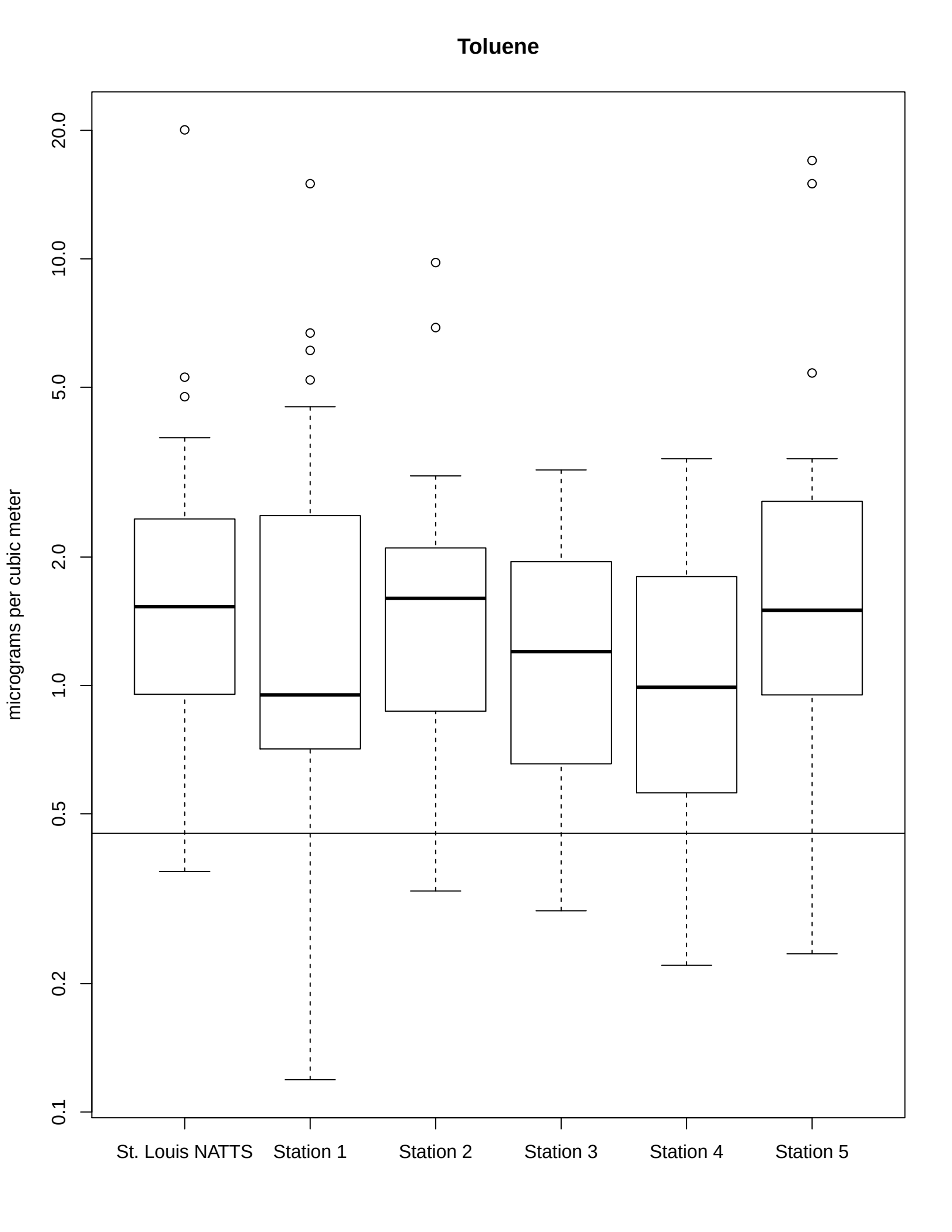

o−Xylene
micrograms per cubic meter
2.00
1.00
0.50
0.20
0.10
0.05
St. Louis NATTS
Station 1
Station 2
Station 3
Station 4
Station 5

Styrene

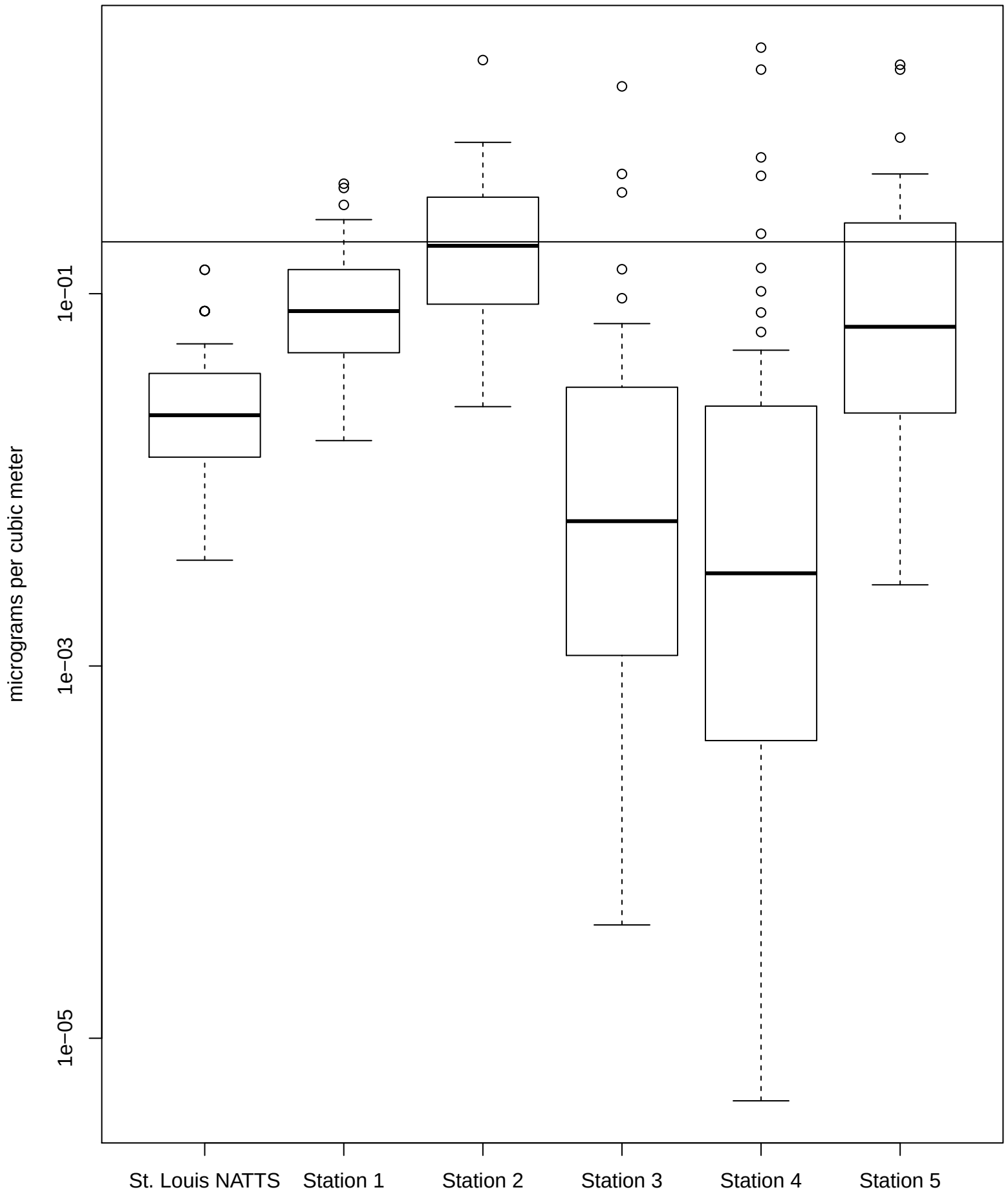


Note: The NADA software package was unable to render a boxplot for Station 2 because all Station 2 values were non-detect results.

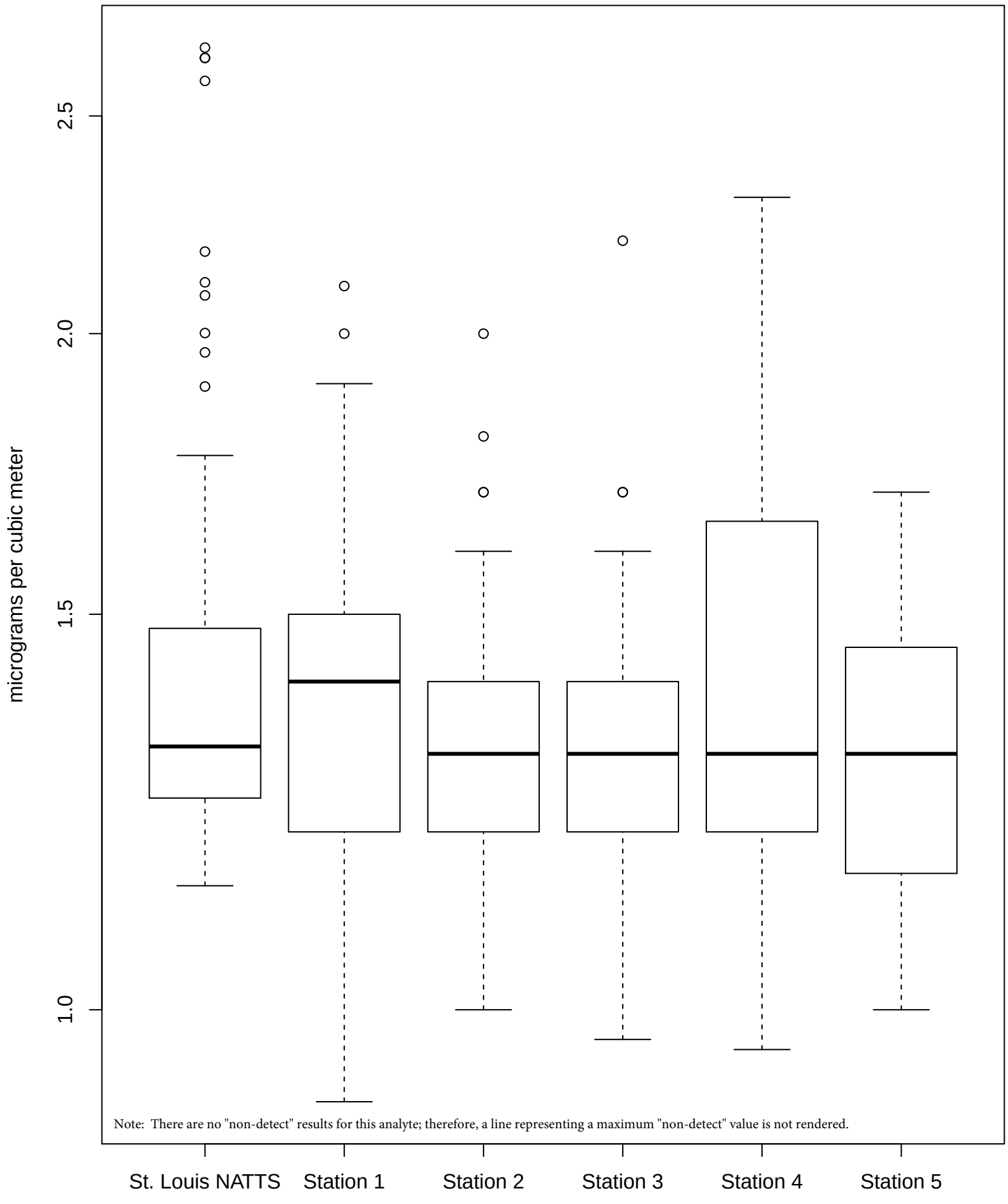

Tetrachloroethene
micrograms per cubic meter
1e+01
1e−02
1e−05
1e−08
1e−11
St. Louis NATTS
Station 1
Station 2
Station 3
Station 4
Station 5


Toluene
micrograms per cubic meter
20.0
10.0
5.0
2.0
1.0
0.5
0.2
0.1
St. Louis NATTS
Station 1
Station 2
Station 3
Station 4
Station 5

Trichloroethene



Trichlorofluoromethane



Note: There are no "non-detect" results for this analyte; therefore, a line representing a maximum "non-detect" value is not rendered.

APPENDIX F

BOXPLOTS OF NATTS DATA FOR SELECT VOCS

Methylene Chloride

micrograms per cubic meter

10000
100
1

Monitoring Station

Station 1
Station 2
Station 3
Station 4
Station 5
Philadelphia–Camden–Wilmington, PA–NJ–DE–MD
Asheville, NC
Grand Junction, CO
Cincinnati–Middletown, OH–KY–IN
Buffalo–Niagara Falls, NY
Marshall County, Kentucky
Tulsa, OK
Detroit–Warren–Livonia, MI
Boston–Cambridge–Quincy, MA–NH
Burlington–South Burlington, VT
Dallas–Fort Worth–Arlington, TX
Rutland, VT
Minneapolis–St. Paul–Bloomington, MN–WI
Portsmouth, OH
Huntington–Ashland, WV–KY–OH
Calvert City (RR name Calvert), Kentucky
Bangor, ME
Providence–New Bedford–Fall River, RI–MA
Indianapolis–Carmel, IN
Douglas, GA
Chicago–Naperville–Joliet, IL–IN–WI
Ogden–Clearfield, UT
Beaumont–Port Arthur, TX
Terre Haute, IN
New York–Northern New Jersey–Long Island, NY–NJ–PA
Portland–South Portland–Biddeford, ME
Atlanta–Sandy Springs–Marietta, GA
Beaver Dam, WI
Raleigh–Cary, NC
Phoenix–Mesa–Scottsdale, AZ
Oklahoma City, OK
Charlotte–Gastonia–Concord, NC–SC
Houston–Sugar Land–Baytown, TX
Longview, TX
Rochester, NY
Davenport–Moline–Rock Island, IA–IL
Carter County, Kentucky
Tampa–St. Petersburg–Clearwater, FL
Wilmington, NC
Lexington–Fayette, KY
McAllen–Edinburg–Mission, TX
Corpus Christi, TX
Richmond, VA
Louisville/Jefferson County, KY–IN
Lewiston–Auburn, ME
St. Louis, MO–IL
Evansville, IN–KY
Candor, North Carolina
Marshall, TX
Seattle–Tacoma–Bellevue, WA
Orlando–Kissimmee, FL
Riverside–San Bernardino–Ontario, CA
El Paso, TX
Rumford (census name for Rumford Compact), Maine
Corning, NY
Cedar Rapids, IA
Duluth, MN–WI
Winston–Salem, NC
Essex County, New York
Macon, GA
Brownsville–Harlingen, TX
Austin–Round Rock, TX
Sanford, NC
Laredo, TX
Paducah, KY–IL
Des Moines–West Des Moines, IA
San Antonio, TX
Portland–Vancouver–Beaverton, OR–WA
Washington–Arlington–Alexandria, DC–VA–MD–WV
Virginia Beach–Norfolk–Newport News, VA–NC
Presque Isle, Maine
La Grande, OR
Baltimore–Towson, MD
Los Angeles–Long Beach–Santa Ana, CA
San Francisco–Oakland–Fremont, CA
Fresno, CA
Oxnard–Thousand Oaks–Ventura, CA
Bakersfield, CA
Midland, MI
Napa, CA
Santa Rosa–Petaluma, CA
San Jose–Sunnyvale–Santa Clara, CA
San Diego–Carlsbad–San Marcos, CA
Stockton, CA
Vallejo–Fairfield, CA
Chico, CA
Sacramento—Arden–Arcade—Roseville, CA
El Centro, CA

NATTS Station
West Lake Landfill Station

Styrene

micrograms per cubic meter

10.00

1.00

0.25

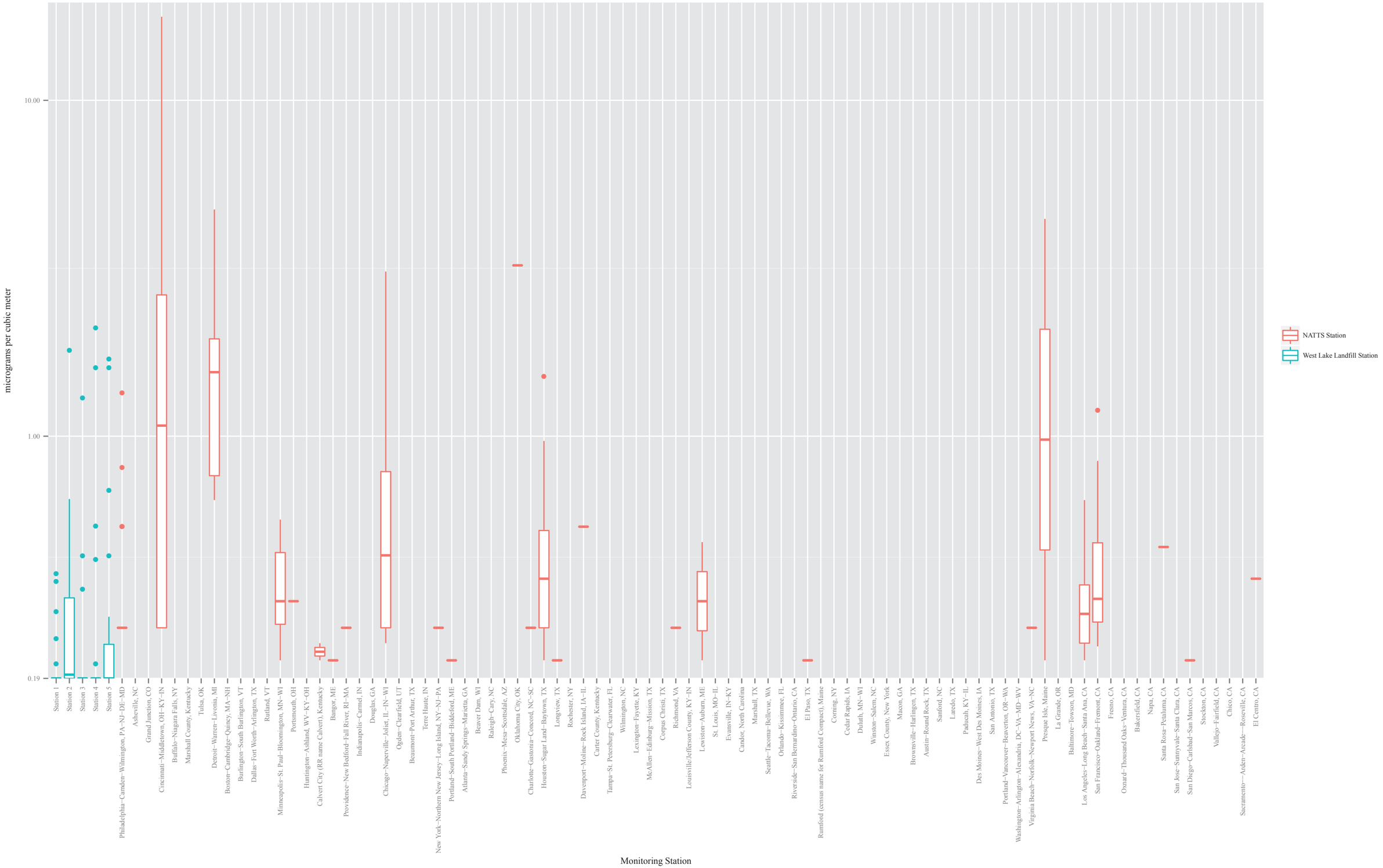
Station 1
Station 2
Station 3
Station 4
Station 5
Philadelphia–Camden–Wilmington, PA–NJ–DE–MD
Asheville, NC
Grand Junction, CO
Cincinnati–Middletown, OH–KY–IN
Buffalo–Niagara Falls, NY
Marshall County, Kentucky
Tulsa, OK
Detroit–Warren–Livonia, MI
Boston–Cambridge–Quincy, MA–NH
Burlington–South Burlington, VT
Dallas–Fort Worth–Arlington, TX
Rutland, VT
Minneapolis–St. Paul–Bloomington, MN–WI
Portsmouth, OH
Huntington–Ashland, WV–KY–OH
Calvert City (RR name Calvert), Kentucky
Providence–New Bedford–Fall River, RI–MA
Indianapolis–Carmel, IN
Douglas, GA
Chicago–Naperville–Joliet, IL–IN–WI
Ogden–Clearfield, UT
Beaumont–Port Arthur, TX
Terre Haute, IN
New York–Northern New Jersey–Long Island, NY–NJ–PA
Portland–South Portland–Biddeford, ME
Atlanta–Sandy Springs–Marietta, GA
Beaver Dam, WI
Raleigh–Cary, NC
Phoenix–Mesa–Scottsdale, AZ
Oklahoma City, OK
Charlotte–Gastonia–Concord, NC–SC
Houston–Sugar Land–Baytown, TX
Longview, TX
Rochester, NY
Davenport–Moline–Rock Island, IA–IL
Carter County, Kentucky
Tampa–St. Petersburg–Clearwater, FL
Wilmington, NC
Lexington–Fayette, KY
McAllen–Edinburg–Mission, TX
Corpus Christi, TX
Richmond, VA
Louisville/Jefferson County, KY–IN
St. Louis, MO–IL
Evansville, IN–KY
Candor, North Carolina
Marshall, TX
Seattle–Tacoma–Bellevue, WA
Orlando–Kissimmee, FL
Riverside–San Bernardino–Ontario, CA
El Paso, TX
Des Moines–West Des Moines, IA
Coming, NY
Cedar Rapids, IA
Duluth, MN–WI
Winston–Salem, NC
Essex County, New York
Macon, GA
Brownsville–Harlingen, TX
Austin–Round Rock, TX
Sanford, NC
Laredo, TX
Paducah, KY–IL
San Antonio, TX
Portland–Vancouver–Beaverton, OR–WA
Washington–Arlington–Alexandria, DC–VA–MD–WV
Virginia Beach–Norfolk–Newport News, VA–NC
La Grande, OR
Baltimore–Towson, MD
Los Angeles–Long Beach–Santa Ana, CA
Manchester–Nashua, NH
Baton Rouge, LA
San Francisco–Oakland–Fremont, CA
Bridgeport–Stamford–Norwalk, CT
Silt, Colorado
Denver–Aurora, CO
Fresno, CA
Greeley, CO
Oxnard–Thousand Oaks–Ventura, CA
Bakersfield, CA
Odessa, TX
Hartford–West Hartford–East Hartford, CT
Rifle, Colorado
Hancock County, Maine
Fort Collins–Loveland, CO
Carbondale, Colorado
Parachute, Colorado
Madera, CA
Midland, MI
San Jose–Sunnyvale–Santa Clara, CA
San Diego–Carlsbad–San Marcos, CA
Stockton, CA
Chico, CA
Sacramento––Arden–Arcade––Roseville, CA
El Centro, CA

Monitoring Station

NATTS Station
West Lake Landfill Station

* The minimum concentration shown (0.25 micrograms per cubic meter) is the styrene detection limit associated with the West Lake Landfill Station 1 -5 samples.

Trichloroethene



* The minimum concentration shown (0.19 micrograms per cubic meter) is the trichloroethene detection limit associated with the West Lake Landfill Station 1 -5 samples.